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★ AUG 30 1919 ★
U.S. Dept. of Agriculture

TWELFTH ANNUAL CATALOGUE SEASON 1919



**TUCKER'S
SEED HOUSE
CARTHAGE, MISSOURI**

TO OUR FRIENDS AND PATRONS:

Another season has passed and with it the ending of the great world war, for which we are truly thankful.

We may now turn our efforts to the channels of peaceful pursuits. Regarding the Garden Seed Supply, while the past season as a whole was fairly successful with the Seed Growers, some varieties notably, Cabbage, Peas, Pepper, and some varieties of Tomato will be in short supply.

It will be wise to order early thus assuring your having the seed on hand when wanted.

We sincerely hope that your War Garden proved a great success the past season and that your success will be an incentive to better and greater efforts this year.

The world will again need all the food that can be produced, and we must each do our part.

The success of your garden depends to the greatest extent on the seed that you plant.

The quality of the seed we supply you will be the very best obtainable, both in Trueness to name and Germination—Our many years of experience in the Seed Business fits us to know the best varieties and the best sources from where to procure the very best Quality.

Get Acquainted With Us

You always like to do business with people you know. It's more homelike, and we want to know you better. Our company has been doing business in Carthage for over eleven years. We are neighbors to you, and your interests are our interests. We have made a study of your needs and know the varieties best adapted to your section of the country, and we can serve you best. We know that we can get your goods to you quicker than a house a thousand or two miles away and that we can sell you Seed fully equal in Quality and Germination to those you buy a great distance away.

Be friendly, write us. We are always glad to assist our customers and friends in every way possible.

Wishing all of you a Prosperous 1919 Season, and hoping to hear from you frequently.

Yours very truly,

TUCKERS' SEED HOUSE.

Earl J. Tucker, Manager.

General Information and Terms of Sale

How to Send Money Money can be safely sent by Bank Check; Postoffice Order, Express Money Order, Registered Letter, Postage Stamp remittances in small amounts are also satisfactory.

Seeds by Mail Postpaid At prices as listed in the catalogue we prepay postage on all seeds so quoted. At postpaid prices we will deliver by express if you prefer; it is safer.

Express or Freight 'Express or Freight' means that the purchaser pays the cost of transportation. To points beyond the third zone, it is cheaper to ship by express than by parcel post. On pounds prices listed Postpaid in catalogue, if wanted by express or freight, you may deduct 5 cents per pound.

Lower Freight Rates and Quick Shipments For large orders, shipments by freight are much cheaper than by express. Carthage is one of the best distributing points in this country, railroads radiating in every direction, giving prompt and efficient service and low freight rates so that customers can depend on having orders filled promptly and delivered without delay.

Fluctuation in Prices Seed Potatoes, Onion Sets, Grass and Clover Seeds, Seed Grain and other field seeds fluctuate in price depending upon the market conditions and supplies. The prices given in this catalogue are those ruling at the time it is printed the middle of January and hold good for 30 days from that date unless our stocks on hand become exhausted before that time. We will take pleasure at any time in quoting prices on request, or will fill all orders entrusted to us at as low prices as possible for first-class seeds.

"POSTPAID" and "BY EXPRESS"
"Postpaid" means that seed so quoted in

whatever quantity wanted, will be delivered postage paid at any post office in the United States and Alaska. At postpaid prices we will deliver by express if you prefer; it is safer.

"By Express" means that the purchaser pays the cost of transportation. To points beyond the third zone, it is cheaper to ship by express than by parcel post.

Note that half-pounds can be ordered at pound rates, half-pecks at peck rates and half-

bushels at bushel rates, unless otherwise noted.
Our prices on Bulk Seeds by the pound and

bushel are based on the requirements of market gardeners and other large growers, yet, when large quantities are required, we will quote special prices or allow discount when the quantity warrants it.

Tuckers' Quality means a good deal to you.

It means that every lot of seeds is thoroughly tested before it goes out and that in turn means satisfaction to both you and us.

Packet and Ounce Seed Discount For 25c we will send 30c worth of seeds, pkt. or ounce. For 50c we send 65c worth of seeds, pkt. or ounce. For \$1.00 we send \$1.30 worth of seeds, pkt. or ounce. In taking advantage of our packet and ounce discount on larger quantity than packets or ounce of any kind can be included.

Free Seeds In addition to the above discounts we make a rule of throwing in extra packets where liberal orders are sent in.

About Warranting Seeds: While we use great care both, for our own and our customers' interest, to supply and furnish the best seeds that it is possible to obtain, there are so many conditions—weather and other causes—affecting the growth of seeds and out-turn of crops, that it must be distinctly understood that all our seeds are sold under the conditions in regard to non-warranty of seeds, which have been generally adopted by the seed trade and which are as follows:

"We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned."

Terms Cash with all orders. All claims for errors must be made on receipt of goods.

TUCKERS' SEED HOUSE

Cor. 3rd and Howard Sts.

CARTHAGE, MISSOURI

Send the following as listed below to my address:

Date _____ 191 _____

Please do not write in this space

Order Number_____

Name _____

Rec'd _____

Post Office _____ State _____

Am't Enc _____

County _____ St. No., Box or R. F. D. No. _____

Filled by-----

Freight Station.....

Date For'd_____

State here the name of town to which goods are to be sent

For'd by_____

How to be sent, Mail, Express, Freight _____ Amount enclosed \$ _____

State whether P. O. Order, Express Money Order, Draft, Postage Stamps.

Please write your name and address distinctly and in full with each order. Extra order sheets sent on application

Please Read Garden seed stocks are very short again this season and for this reason some varieties will be sold out early in the season. If we should be sold out on a variety, on your order, shall we substitute with a variety equally as good or return your money? Please mark with an X. Substitute Return Money.....

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Tuckers' Quality Vegetable Seeds

TUCKERS' QUALITY means the best that can be produced in Vegetable Seeds. It means trueness to variety and high Germination, and these mean satisfaction to you in your Garden. We test each variety before sending it out to our customers, and the Germination must be strictly up to standard or we do not send it out.

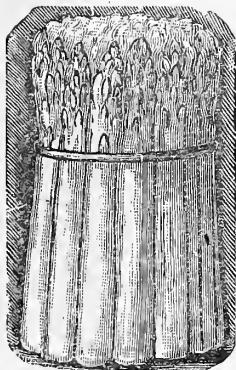
We could sell cheaper seeds than those we are offering but that would not be serving our customers right.

Our aim is to sell the Best so that your garden will be a success.

In our Vegetable Seed Department you will find listed only such varieties as are of real merit. We have excluded those that are not of value, as well as a great many that are out of date.

ASPARAGUS

Culture—Asparagus succeeds well in any good rich soil, but a light, warm soil which has been heavily manured for previous crops is best. To grow asparagus roots, soak the seeds in warm water for 24 hours; sow two inches deep in drills two feet apart. When the plants are well up, thin out one inch apart and give a frequent and thorough cultivation keeping the plants clean from weeds. The roots can be transplanted, either at one or two years old, either in the fall or spring.



Columbian Mammoth White.

The immense shoots are clear white, and in favorable weather remain so until three or four inches above the surface. The crown or bud of the young stalk is considerably smaller than the part below it. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Conover's Colossal.

A standard variety of large size and delicious quality. Certainly one of the best varieties grown. Postpaid pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Palmetto.

A close second to Columbian White Mammoth. An enormous yielder, very tender and appetizing, producing large, clear stalks of excellent quality. Very early. Postpaid pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

ASPARAGUS ROOTS

CULTURE—Dig or plow out a trench 15 to 18 inches deep, put in plenty of well-rotted manure, covering it with a few inches of soil, then set the roots $1\frac{1}{2}$ to 2 feet apart and cover with 4 inches of soil. In the fall, cut off and burn the top growth, and give a good application of stable manure. Early in the spring fork this in, and as the asparagus begins to grow, earth up to blanch the stalks as they grow. Do not continue cutting too long, as this exhausts the plants.

FOR FIELD CULTURE—The rows may be from 4 to 6 feet apart and the roots set further apart in the rows. A subsoil plow should be used to break the soil as deeply as possible.

CONOVER'S COLOSSAL—Two-year-old roots. Postpaid Dozen 25c, 50 for 65c. By Express Dozen 15c; 100 for 75c; Thousand \$4.50.

PALMETTO—Two-year-old roots.. Postpaid, Dozen 25c; 50 for 65c; By Express, Dozen 15c; 100 for 75c; Thousand \$4.50.

COLUMBIAN MAMMOTH WHITE—Two-year-old roots. Postpaid Dozen 30c; 50 for 75c. By Express, Dozen, 20c; 100 for 75c; Thousand, \$5.00.

Brussels Sprouts

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like Cabbage.

IMPROVED DWARF—Produces compact sprouts of the finest quality; a good keeper, Postpaid Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

Kale or Borecole

Kale, or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like Cabbage. Will endure considerable frost without injury.

DWARF GREEN CURLED, GERMAN GREENS OR SPROUTS.—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. Postpaid, Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

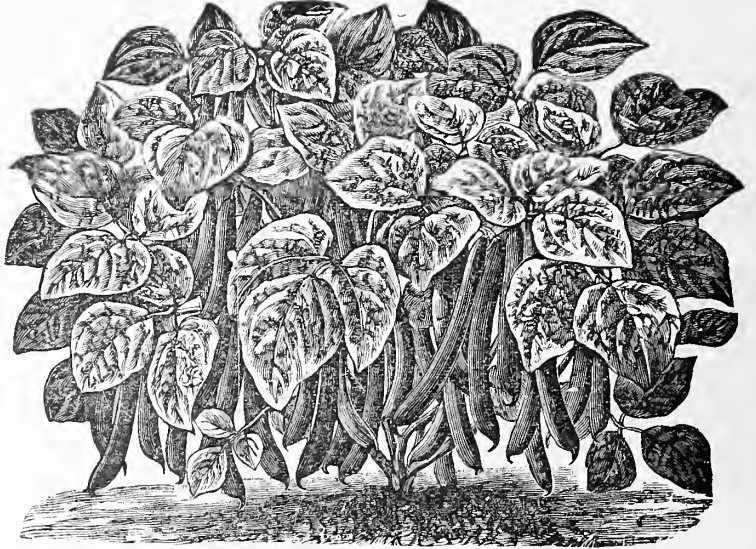
TUCKERS' GARDEN BEANS

Our strains of Seed Beans cannot be excelled for quality any where. They are produced by the best growers in this country, who make a specialty of growing them for Seed purposes. The fields are carefully rogued as the Beans are growing and any plants found that are not true to variety are pulled up and destroyed. The Beans are also hand sorted so that the seed we send you is strictly first class.

GREEN PODDED BUSH VARIETIES

Tuckers' Favorite.

Extra Early, Prolific, Stringless, the one best Green Pod Bush Bean. The plant is remarkably handsome and thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific and bears continuously for several weeks. The vines are large, somewhat spreading and prolific. The foliage is dark green, with leaves large and crumpled. The pods are very long, often six to seven inches, flat, irregular in shape, bright, but rather dark green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. The pods are entirely free from any tough membranous lining, not only when young, but this tender quality is retained even into maturity. Our customers everywhere are enthusiastic about the fine flavor and great productiveness and continuous bearing of this variety. Postpaid Pkt., 15c; lb., 45c; 2 lbs., 85c. By Express, (Not Paid) 5 lbs., \$1.60; 15 lbs., \$4.25.



TUCKERS' FAVORITE

Longfellow.

A remarkably early, perfectly round, very prolific bean, bearing pods frequently over 6 inches long, and entirely stringless, except when old.

Matures very evenly. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

Bountiful.

As early as the Six Weeks, very hardy, remarkably prolific and bears continuously for several weeks. The pods are broad, long, uniform, solid and meaty; the best of the flat-podded varieties. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

Refugee, or 1,000 to 1.

One of the best for main crop and late or succession plantings; enormously productive. The snaps are round, tender and of excellent quality. Later than the early kinds, but bears much longer and is more productive. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.25; 15 lbs., \$3.50.

Early Yellow Six Weeks.

Extra early; very hardy; pods are long, straight and handsome; a fine shipper. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.25; 15 lbs., \$3.50.

Burpee's Stringless Green Pod.

One of the finest early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight round, deeply saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Postpaid, Pkt., 10c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.45; 15 lbs., \$3.85.

Giant Stringless Green Pod.

An exceptionally fine bean for either home use or market; ranks among the earliest, yet in quality and productiveness has no superior. The vines are strong, the pods are long, 5½ to 6½ inches, round, very meaty, perfectly stringless and are borne continuously for weeks. Postpaid, Pkt., 10c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.45; 15 lbs., \$3.85.

Early Red Valentine.

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequaled uniformity of ripening; one of the most profitable sorts for market gardeners. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

The Government Food Administration now requires that beans and peas be sold by the pound instead of pint, quart, peck and bushel, as formerly. This will be confusing at first, but will be easily understood if you will note the following:

1 lb.—a little more than a pint	5 lbs.—about 2½ quarts.	15 lbs.—One peck.
2 lbs.—slightly over a quart.	10 lbs.—about 5 quarts.	60 lbs.—One bushel.

Planters wanting larger quantities of Beans, please write for special prices. We can quote to your advantage.

WAX PODDED BUSH BEANS

Pencil Pod Black Wax.

(See Illustration)

Although hardy, it is absolutely stringless, tender and of a most lucious quality; pods smooth, perfectly round, and straight as a lead pencil. In points of vigor hardiness and prolificacy, it is certainly a winner. It stands in a class by itself. We have sold this bean for several years with the best of satisfaction under all conditions. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.75; 15 lbs., \$4.85.

Improved Golden Wax Rust Proof.

In spite of all the new sorts of beans introduced every year our Golden Wax Bean still retains its popularity. This is a decided improvement on the old Golden Wax, as it is almost wholly free from rust. The pods are of a dark rich golden yellow color and of perfect shape. Cooking quickly as snaps, shelling well when green and of highest quality in either way. Postpaid, Pkt. 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs. \$4.85.

Wardwell's Kidney Wax.

This variety yields a large crop of long nearly straight broad, light golden yellow, handsome pods. These are of large size, about six inches long and are of good quality. They always command a ready sale. Suitable also for snaps for the home garden use. The leaves are large and slightly roughened. Seed large, flattened, kidney shaped white with dark markings about the eye. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid 5 lbs., \$1.75; 15 lbs., \$4.85.

Round Pod Kidney Wax.

Pods are round. Plants grow strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle. Wonderfully early and productive and has become very popular. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85.

Davis White Wax.

A very hardy and productive variety, desirable where a wax podded, white seeded midseason sort is wanted. Vines very vigorous. Pods invariably long, six and one-half to seven inches, light yellow, straight, handsome and when young are crisp and tender; seed medium large kidney shaped, clear white, excellent for baking. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85.

BUSH LIMA BEANS

Henderson's Bush Lima

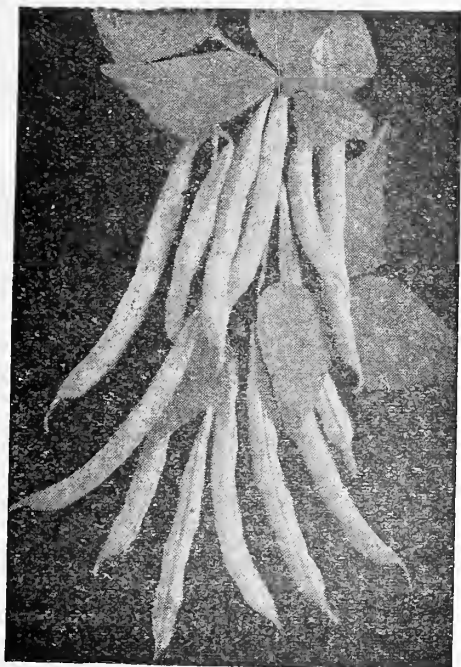
The Earliest of the Bush Limas—Grows in compact bush form and produces large crops of delicious beans, they are small in size. Of high table merit, and a favorite for the home garden on account of its delicious flavor and great productiveness. Ripens very early and bears until frost. Postpaid, Pkt., 15c; 1 lb. 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85

Burpee's Improved Bush Lima.

The bush type of the well-known large white poled lima and of equally good quality. The plants are uniformly dwarf and erect, branch vigorously and is an immense yielder. The pods are well filled with very large beans identical in size and luscious flavor with the large white pole lima. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85

Fordhook Bush Lima.

The dwarf form of the popular "potato lima" and a very decided improvement in large bush limas. The beans are of the large lima type but are thicker, rounder and of superior flavor. The bush is of stiff, erect habit, holding the beans well off the ground, so that the pods do not become discolored or injured from being beaten to the ground by the wind or rain. Very prolific, the pods each containing four or five large fat beans lying so closely together that they are flattened on the ends. The pods are so closely packed that they are very easily shelled. The green beans, even when full size, are tender, juicy and sweet. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85.



PENCIL POD BLACK WAX.

Webber Wax.

A new Wax Bean of distinct character. The vine is strong, holding the pods well up. The pods are of an exceedingly bright yellow color, handsomer in this respect than any other wax bean; in shape they resemble Wardwell's wax but are rounder and more meaty. The color of the seed is yellow. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.75; 15 lbs., \$4.85.

Crystal White Wax.

Distinct but not strictly a wax bean. Vines large spreading, very productive. Leaves small. Pods greenish white with silvery shade, short, curved, round or thicker than wide, with crease in the back; very fleshy and brittle. Late maturing and very desirable for pickles. Seeds very small, oval white. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.70; 15 lbs., \$4.85.

POLE, OR RUNNING BEANS

Tuckers' Perfection Wax.

Finest Pole Bean Ever Introduced.

Pods are long and so thick and fleshy that they are frequently greater in thickness than in breadth; they are meaty and nearly stringless. The vines commence to bear very early and bear until killed by frost. It is a vigorous grower, one plant filling a pole with a mass of vines, densely loaded with the beautiful golden pods. We offer you this bean as being absolutely at the top in Pole Beans. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.75; 15 lbs., \$4.75.

Missouri Wonder.

Is enormously prolific and so hardy that it will often come up volunteer from seed that have remained on the ground all winter. It will grow and bear an abundant crop in spite of bad weather. Pods are light green, large and tender, stringless if picked young. Fine for shell beans or succotash if let grow. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.75; 15 lbs., \$4.75.

Lazy Wife.

Prolific sort, with handsome entirely stringless pods. They measure from 4½ to 6 inches in length, are thick and fleshy, retain their rich tender and luscious quality until nearly ripe. The white, dry seeds make excellent winter shell beans. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.75; 15 lbs., \$4.75.

White Kentucky Wonder.

Very early, yet bears for a long season. The pods, 6 to 8 inches long, are borne in clusters, are of a rich dark-green color, very meaty, entirely stringless, tender and of excellent flavor and quality. The pearly white beans make splendid dry beans for winter use. Postpaid, Pkt., 10c; 1 lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.60; 15 lbs., \$4.25.

Kentucky Wonder or Old Homestead.

An old favorite, with long, fleshy deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless crisp beans until late in the season. Of best quality. Postpaid, Pkt., 10c; 1 lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.45; 15 lbs., \$3.75.

Crease Back or Fat Horse.

Wonderfully productive pods long and stringless, bears 4 to 12 pods in a cluster. Postpaid, Pkt., 10c; 1 lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.40; 15 lbs., \$3.75.

Dutch Case Knife.

Vines moderately vigorous, climb well and excellent for a corn hill bean; leaves large, crumpled, and pods very long, flat, green in color becoming creamy white later. Beans broad kidney shaped, flat and white in color. Postpaid, Pkt., 10c; 1 lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.40; 15 lbs., \$3.75.

POLE LIMA BEANS

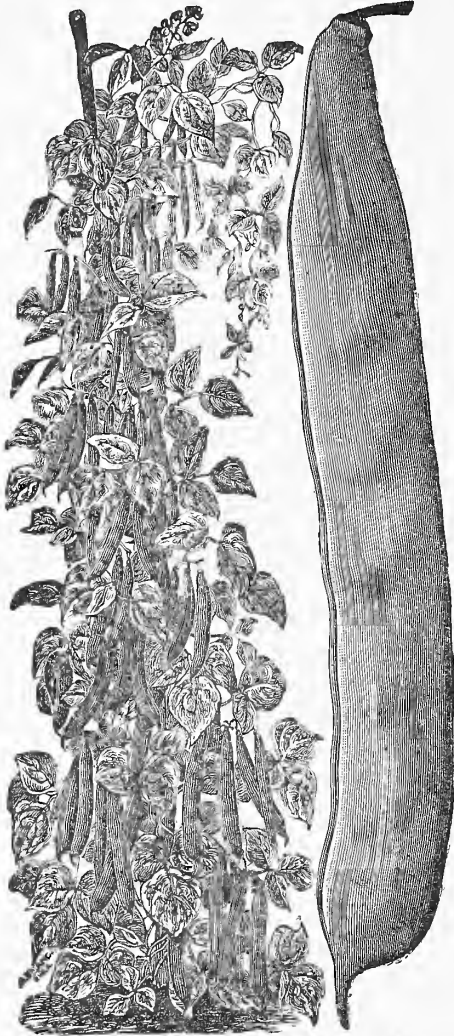
Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole beans.

King of the Garden Lima.

Undoubtedly this is more extensively grown than any other sort of its class. It is a heavy yielder on all sorts of soil, and is of excellent flavor. The pods are of enormous size, measuring eight or nine inches in length, and containing as many as eight or nine beans. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.65; 15 lbs., \$4.50.

Speckled Pole Lima.

This is undoubtedly the greatest yielding Pole Lima Bean known to day. It commences to bear very early and bears continually until killed by frost. It is an extra fine flavored bean, both in the green state and when shelled dry for winter use. The beans are medium size, beautifully speckled or blotched dark red to black. Postpaid, Pkt., 15c; 1 lb., 45c; 2 lbs., 85c. By Express, Not Paid, 5 lbs., \$1.65; 15 lbs., \$4.50.



Cut Short or Corn Hill.

FIELD BEANS

White Tepary Bean.

A white shell Bean more prolific than the Navy. This is a native of the arid Southwest and is well adapted to a dry climate; it is quick maturing and endures drought better than other varieties. It cooks tender and the flavor is delicious. Tepary Beans are immune to common Bean diseases.. Postpaid, Pkt., 10c; 1 lb., 25c; 2 lbs., 45c. By Express, Not Paid, 5 lbs., 85c; 15 lbs., \$2.40; 100 lbs., \$15.00.

White Navy or Prolific Tree.

Navy Beans should be planted from the first to the middle of July, on ground not too rich, to insure them bushing, or not growing to vines. Every farmer should grow his own Navy Beans for his year's use. Our stock is the Genuine Michigan Type. Postpaid, Pkt., 10c; 1 lb., 25c; 2 lbs., 45c. By Express, Not Paid, 5 lbs., \$1.00; 15 lbs., \$2.85; 100 lbs., \$18.00.

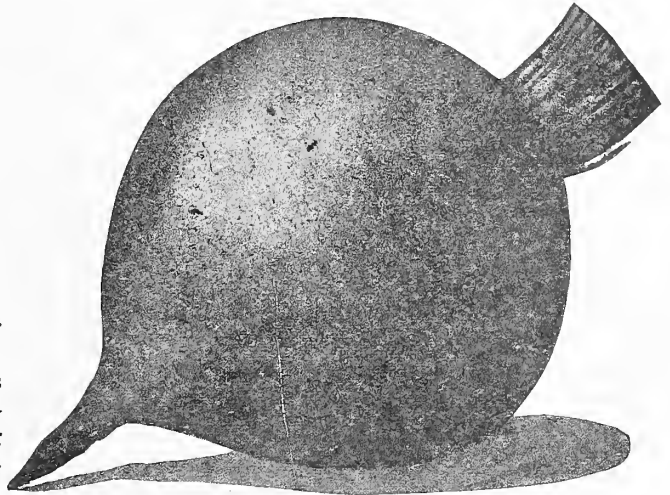
GARDEN BEETS

Beets grow best in moderately rich, light loam. Sow the seeds as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep.

TUCKERS' CRIMSON GLOBE.

(See Illustration.)

The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small taproot. The very dark leaves are small and borne on slender stems, which occupy but a small portion of the root, but it is the exquisite tenderness of the flesh and the complete absence of any stringy or woody character that so thoroughly distinguish this beet. The interior color is very deep crimson, but is ringed or zoned in a most beautiful manner, making it very attractive in appearance. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.



Tuckers' Crimson Globe.

Detroit Dark Red.

Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf, stem and veins dark red, blade green; root globular and very smooth; color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Postpaid Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Crosby's Egyptian.

Much in demand by market gardeners for forcing and early out-of-door sowing. This beet is perfect in shape, and deepest red, almost black, in color. Equally good for early bunching as well as the fall market. Its fine color and superior quality make this one of the best beets. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Swiss Chard or Spinach Beet.

The plants grow from 2 to 2½ feet tall and consist when fully developed, of about a dozen creamy white, attractive curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. Take the leafy portions of the plant and cook like spinach. Prepare the stalks as you would Asparagus. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., \$1.75.

Extra Early Egyptian.

Fine for forcing and first early outdoor crop; about ten days earlier than the Early Blood Turnip. Makes fine, smooth, almost flat, very dark red beets, firm, crisp and tender. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.50.

Extra-Early Eclipse.

An early Beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top shaped, with a small tap and small collar. The flesh is bright red, zoned with pinkish white, very sweet, crisp and tender, especially when young. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.60.

Early Blood Turnip.

Very uniform. Root is always smooth, round and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.60.

Long Smooth Blood.

A good keeper of good size, flesh dark blood red. The standard long, dark red beet. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; 1 lb., \$1.60.

STOCK AND SUGAR BEETS

Mangel-Wurzels.

An ever-increasing acreage is being planted to stock Beets, because of the wonderful results from feeding them. Fattening breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Sow in rows $2\frac{1}{2}$ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 inch, making ground firm over the seed. When 4 inches high, thin to 8 inches apart.

Mammoth Long Red.

Also called Norbiton Giant, Jumbo Mangel, Colossal, etc. No other mangel can compare with this variety in yield. Crops of forty to fifty tons per acre have been made on good land and under thorough cultivation. The roots often weight twenty to twenty-five pounds each. It grows well above ground, is easily pulled; the deep red roots are straight, well formed and solid. Especially adapted to deep soils. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.60; 5 lbs., \$6.50.

Giant Sludstrup.

Sludstrup is a long reddish yellow root, but not so long as the Mammoth long red. It grows more above the ground and is very easily harvested. The size of the roots, like all other varieties, depends entirely upon circumstances. They are frequently grown to a size weighing from 15 to 20 pounds each. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.60; 5 lbs., \$6.50.

Sugar Beets.

In growing the sugar beet is treated like the mangel except that only six or eight inches of space is given each beet in the row.

Giant Half-Sugar.

This unites the large size of the mangel with the greater feeding value of the sugar beet. The roots average ten to twelve inches, and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter toward the bottom where the lower portion for about one-third the length is white. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.60; 5 lbs., \$6.50.

Vilmorin Sugar.

It unites capacity for a large yield with an exceedingly rich flesh, making it the best for cattle feeding. Tops medium sized; roots above medium size, long top-shaped, growing slightly above the surface; white, washed with red at top; flesh fine grained and very sweet. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.60; 5 lbs., \$6.50.

Klein Wanzelben.

This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country, where it has been thoroughly tested. It has a rather long, slender root, very rich in sugar. It is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of sugar. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.60; 5 lbs., \$6.50.

Carrots for Stock Feeding

Nothing will keep stock in fine healthy condition better than carrots, fed with grain and dry forage. They are highly nutritious and have a fine tonic effect as well. The varieties quoted below are practically identical except in color; can be stored for winter use like turnips; both are heavy yielders.

White Mastodian.

Giant white, best and largest stock carrot grown, nearly one-half its length will be above ground when mature, which makes it easy to harvest. Will produce as many tons of green feed per acre as any vegetable grown. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

Large Yellow Belgian.

A good keeper and large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes a stock food. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

Cauliflower

Cauliflower delights in a rich moist soil and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the first of April.

Early Snowball.

There is no better cauliflower and our strain is as fine as can be had at any price. It is not only the earliest to head, but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. We recommend it also for the late summer and fall crop. As well adapted for forcing as for growing out of doors. Postpaid, Pkt., 25c; $\frac{1}{4}$ oz., \$1.00.

Dry-Weather Cauliflower.

This is a fine, large, heavy variety that matures about a week later than Early Snowball



It is especially adapted for growing in dry locations on account of its large leaves, which furnish greater protection to the heads. Postpaid, Pkt., 25c; $\frac{1}{4}$ oz., \$1.00.

Tuckers' Quality Cabbage Seed

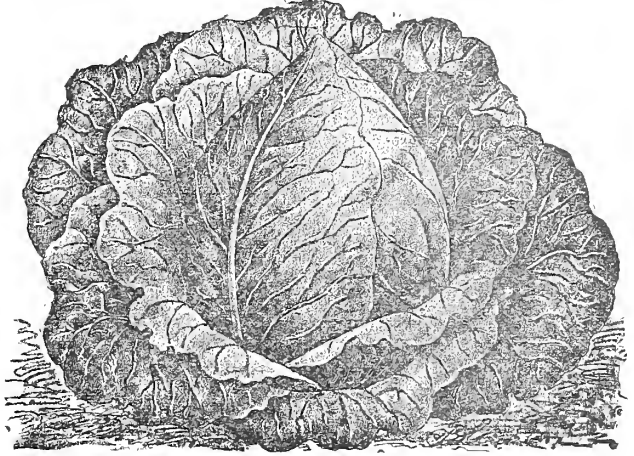
CULTURE—Cabbage requires deep, rich, mellow soil, and good culture to obtain firm, solid heads. For early use, sow seeds of the early kinds, in hot beds or in a box in the house, the last of January or early in February; transplant into open ground in April. For second early cabbage, sow in April and transplant in May. One ounce of seed produces about 2500 plants.

TUCKERS' EARLY WONDER CABBAGE

The Greatest of all Early Pointed Head Varieties.

Early Wonder Cabbage.

Will produce double the crop of any other early variety. It is very early and large, always extremely solid and fine ribbed. Once known, it will hold its own with the market gardeners and home growers alike. It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. Early Wonder Cabbage is more solid and better flavored and keeps in fine condition. It is very dwarf and compact allowing of close planting. Heads fine, pointed-shaped, and with few outside leaves, size ideal for marketing. It is entirely uniform, every plant producing a good head. An extra good cropper on account of extra size over many other first early sorts. Postpaid, Pkt., 20c; ½ oz., 50c; 1 oz., 90c; ¼ lb., \$3.40.



Selected Early Jersey Wakefield.

Realizing the unusual importance of this universally grown variety our efforts have been unremitting to produce as thoroughbred a strain as it is possible to grow. Sureness to head and regularity in growth—it is indeed a thoroughbred strain. Makes a compact, solid head, with few outside leaves, permitting of close planting. Very hardy, resisting cold and unfavorable conditions, thus insuring the greatest likelihood of profitable and satisfactory results. Postpaid, Pkt., 15c; ½ oz., 45c; 1 oz., 85c; ¼ lb., \$3.25.

Copenhagen Market.

(See Illustration at Bottom of Page.)

The heads are of exceptionally large size for so early a variety. The plant is of vigorous habit but compact, with short stem and few outer leaves which are of rather upright growth. The leaves are medium light green, nearly round, comparatively thick and smooth. The heads are round, very solid and of exceptionally good quality. Its earliness, compact growth, evenness of maturing, uniformity and size of head, firmness and most excellent quality combine to make Copenhagen Market one of the most valuable cabbage of recent introduction. Postpaid Pkt., 20c; ½ oz., 60c; 1 oz., \$1.00 ¼ lb., \$3.75.

PLEASE READ.

Because of the extreme shortage in Cabbage seed this year, there will be lots of old carry-over, worthless stock sold by irresponsible dealers. The seed we are offering was produced last season by the best Long Island, New York growers. We have tested it for Germination and know that it is first-class quality stock, true to name.

Early Winningstadt.

One of the best of this class. The heads are pointed firm, solid, and of good flavor. Postpaid Pkt., 10c; ½ oz., 45c; 1 oz., 85c; ¼ lb., \$3.00.

Early Flat Dutch.

One of the most reliable medium-early varieties. Makes large, flat, solid heads. Postpaid, Pkt., 10c; ¼ oz., 35c; 1 oz., 60c; ¼ lb., \$2.25.

Charleston Large Wakefield.

A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger, heads often average 8 to 10 lbs. Postpaid, Pkt., 15c; ½ oz., 45c; 1 oz., 85c; ¼ lb., \$3.25.



Summer and Fall Cabbage

Henderson's Early Summer.

A splendid sort coming in just after the Wakefield. Makes large fine, round heads. Postpaid, Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.25.

All Seasons

One of the very best, either for early or late planting. Heads very large and round, often nearly spherical, but usually somewhat flattened. Very solid, and of the best quality, keeping as well as the winter sorts. The plant is vigorous and sureheading. Remarkable for its ability to withstand hot sun and dry weather. Postpaid, Pkt., 10c; ½ oz., 40c; 1 oz., 75c; ¼ lb., \$2.50.

Danish Ballhead or Hollander.

The heaviest cabbage for its size we have ever seen; exceedingly solid and hard; handsome, very hardy, a sure header, a good seller and one of the finest of keepers, making it particularly desirable for shipping long distances. Our stock is grown by the most careful and experienced grower in Denmark, where the finest Ballhead Cabbage in the world is grown. Postpaid, Pkt., 15c; ½ oz., 50c; 1 oz., 90c; ¼ lb., \$3.25.

Tuckers' Prize Head Late Flat Dutch.

(See Illustration.)

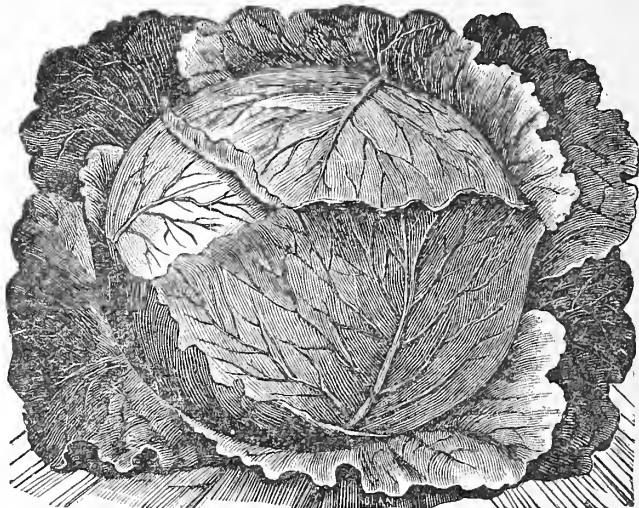
This is beyond question the finest strain of Late Flat Dutch to be had anywhere and at any price. We have taken great pains in selecting our stock to maintain a high standard. It is a thoroughbred, and will meet every demand for a first-class hard-heading, long-keeping cabbage. No better late cabbage was ever offered. Postpaid, Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., \$2.25

Surehead.

As its name indicates, this is a sure header and one of the most reliable main crop and late cabbages. The heads are large, thick, somewhat flattened, very uniform in size and color, firm and solid, keeps well and makes a splendid shipper. Heads ordinarily weigh ten to twelve pounds each and of the finest quality. Postpaid, Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb. \$2.25.

Mammoth Rock Red.

The largest and surest heading red cabbage, much better than stock offered as Red Drumhead. The plants are large and vigorous with medium length stem and spreading outer leaves which are dark green with red veining. The heads are late maturing, large, round, very solid and of very attractive deep red color. The variety is much used for cold slaw and pickling. Postpaid, Pkt., 10c; ½ oz. 35c; 1 oz., 60c; ¼ lb., \$2.25.



PRIZE HEAD LATE FLAT DUTCH.

The Volga.

This variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In some respects it is a vegetable wonder, as the heads are about equal in size and shape, weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head; the flesh is exceedingly firm, tender and white. Volga will mature its head fully two weeks earlier than any of the late growing kinds. Postpaid, Pkt., 15c; ½ oz., 40c; 1 oz., 75c; ¼ lb., \$2.50.

Large Late Drumhead.

A favorite winter cabbage; recommended for its fine large, deep, heavy and solid, long-keeping heads. Has few outside leaves. Especially good for shipping long distances. Postpaid, Pkt., 10c; ½ oz. 35c; 1 oz., 60; ¼ lb., 2.25.

Glory of Enkhousen. (Early)

It is very early and large, always extremely solid and fine ribbed, exceedingly tender and fine grained. Glory of Enkhousen Cabbage is more solid and better flavored and keeps in fine condition much longer than most early varieties. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped, and with few outside leaves. Size ideal for marketing. An extra good cropper on account of extra size over many other first early sorts. Postpaid, Pkt., 20c; ½ oz., 50c; 1oz., 90c; ¼ lb., \$3.40.

COLLARDS

A plant of the Cabbage family. Well adapted for this climate. Endures extreme heat and is excellent for Greens.

The well-known and popular collard that has been grown for generations in the South. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 85c.

Table Carrots

Sow in early spring in drills 15 to 18 inches apart, finally thinning the plant to 3 or 4 inches. If sown early on a moist soil a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. One ounce sows 100 feet of drill. Four Pounds sow one acre.

Improved Long Orange.

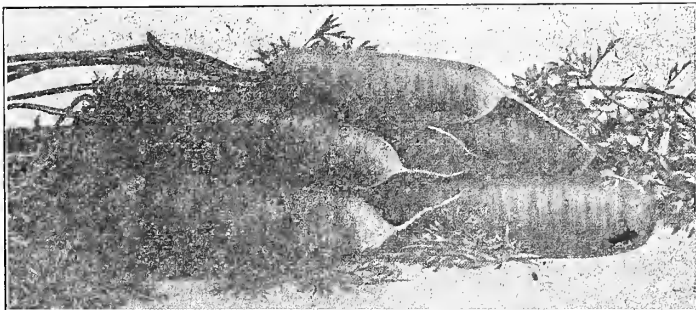
An improved and pure strain, producing roots of the largest size and superior quality. Color a deep orange, fleshy, very tender. One of the best varieties for home garden or market. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

Chantenay.

(See Illustration.)

Very productive, medium early and of excellent quality. Tops medium sized, neck small. Roots thick, five and one-half to six inches in length, uniformly half or stump rooted, but tapering slightly, smooth, deep orange-red in color. Flesh very crisp and tender. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

Guerande or Ox-Heart—A variety with short, thick roots, the diameter often exceeding the length. Color bright orange. Sweet and fine grained; good for table or stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.



CHANTENAY

Danver's Half Long.

A rich orange red variety, very smooth and handsome, producing large crops. It is an excellent market variety. Tops are of medium size and coarsely divided. Roots taper to a blunt point. Flesh is sweet, crisp and tender. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25.

Celery

CULTURE—Seed should be sown in April in a hotbed or boxes, filled with clean, mellow loam. Sow broadcast or in rows and cover with about one-eighth inch of fine soil or sand, pressing it down firmly. Keep the soil moist constantly. When plants are fairly out of seed leaf transplant into another bed or boxes, or thin out to 2 or 3 inches apart. Plant into the open ground the last of July

Golden Self-Blanching

The stalks are much broader grown from imported stock and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort. The color is very handsome, stalks are crisp, tender and free from stringiness. Postpaid, Pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$2.25;

White Plume.

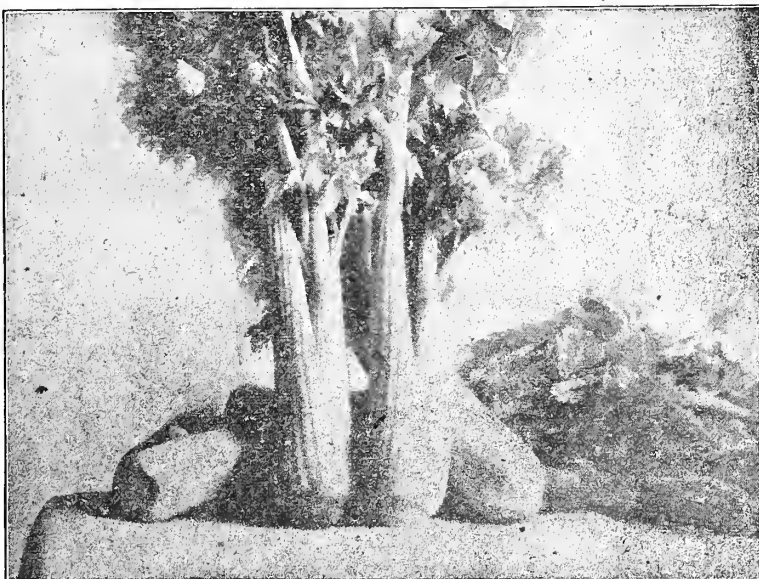
One of the most desirable varieties for either home or market use. It self-blanches beautifully, the stalks are crisp, succulent and of delicious flavor. Postpaid, Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$3.00.

Giant Paschal.

Giant size, also very hardy, often standing freezes which completely kill other varieties. Postpaid, Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

Celeriac, or Turnip Rooted Celery.

Grown exclusively for its roots, which, when cooked, sliced and used with vinegar, make a fine salad.



Giant Smooth Prague.

The best variety; large and smooth roots; excellent keeper. Postpaid, Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.00.

Cucumbers

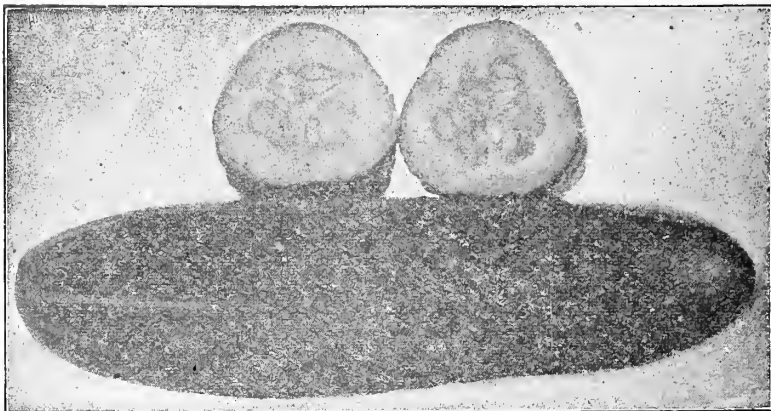
Do not plant cucumbers before danger of frost has passed as the plants are very tender and the least frost will damage or kill them. Plant in hills or rows four feet apart, 10 to 15 seeds to each hill, make soil very rich. For pickles plant from June 1st to middle of July.

TUCKERS' SUPERIOR

DARK GREEN

The Perfect Ideal Dark Green Cucumber

In our estimation this is the best cucumber grown. It can be aptly described as the perfect cucumber. The fruits are a glossy dark green and remain that way longer than any other variety we know of. It is equally good as a pickle cucumber or for slicing for table use. The flesh is solid tender and of excellent quality at all stages of growth. It is very prolific bearing fruits of even size all through the season. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



TUCKERS' SUPERIOR DARK GREEN

Earliest of All

First for the Table, Market and Pickling

Its extreme earliness is its greatest recommendation, making it invaluable. Its earliness and its very high quality make it a good variety for both home and market gardens, or for planting in June or July for late pickles. Although early, the fruits are of fine quality and the color an attractive dark green. When suitable for pickling, the cucumbers are straight, square ended and very firm. When ready for slicing they are 6 to 7 inches long, crisp and of a most delicious flavor. The vines are of extra vigorous growth and produce an abundance of fruits. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Early Green Cluster

This is a short variety of a pale green color, which matures very early and is an excellent forcing kind. It is rather prickly and contains but few seeds. It is a great favorite for pickling on account of its productiveness. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Early White Spine

Very prolific early, of good size, straight, well formed and full at both ends. The fruit is from six to eight inches long and two to three inches in diameter with flesh of excellent flavor, white, clear, crisp and very tender. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Improved Long Green

Vines very vigorous and productive. The fruits are very long, slender and of uniformly dark green color. Furnishes some fruits early, but matures the bulk of its crop rather late. Excellent for slicing and very largely used for pickles. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.

Japanese Climbing

Medium size well formed fruit of dark green color. This variety throws out strong grasping tendrils which enables it to climb trellis, wire netting, strings or any other suitable support. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

New Early Fortune

An attractive new variety. In color it is an attractive deep green, which it retains much longer than most other sorts. Being fine grained, its white flesh is exceedingly crisp and brittle, making it an excellent slicing sort. Early Fortune is one of the earliest, dark green cucumbers for shipping as well as for table or market stall. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Everbearing

Wonderfully prolific. Bears continually the entire season. Blossoms and cucumbers at all stages of growth are found on the same vine. It is one of the earliest sorts and is a heavy cropper. The cucumbers will average about five inches in length and are of good form and color. An excellent sort for small pickles. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.

Klondike

A medium early, white spined cucumber of handsome, very dark green color and of excellent quality for slicing. The vines are very hardy and productive. The fruits when mature are about eight inches long, and are uniform in size and shape. Color dark green, slightly striped at the ends. Its uniform size and shape and splendid color are making this variety very popular as a shipping sort. Postpaid Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.

Davis' Perfect

A sure money maker for those engaged in growing cucumbers under glass "for profit" as well as for truck gardeners to grow out-of-doors. On account of its being such a strong grower it is able to resist the cucumber disease. It is early as the earliest strain of White Spine. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Small Gherkin

(For pickles). A very small oval prickly fruited sort quite distinct from all others and grown exclusively for pickles. It is the smallest of all the varieties and should always be picked when young and tender. Postpaid, Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Sweet or Sugar Corn

Don't Plant Sweet Corn Deep—Sweet Corn should not be planted over an inch deep; most people plant two or three inches deep most sure to rot.

The Sweet or Sugar Corn Varieties, being liable to rot in cold or wet ground, should not be planted until May or when the soil has become warm and dry. For a fully supply for the table during the entire season, plant every ten days or two weeks until the last week in July.

Howling Mob

A large eared early sweet corn, generally producing two good ears to a stalk, averaging 7 to 9 inches long, with 12 to 14 rows of pearly-white grains. The stalks grow 4 to 5 feet high. An excellent home or market sort. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 10 lbs., \$2.50; 50 lbs., \$10.00.

Golden Bantam

The earliest and sweetest yellow grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about 6 inches long and at least two ears are borne on each stalk. Can be planted earlier than any other sugar corn. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 10 lbs., \$2.50; 50 lbs., \$10.00.

Early Evergreen

This variety resembles the Stowell's Evergreen but is ready for use much earlier. The ears grow to a good size, usually about 7 inches long, and contain from 12 to 14 rows of deep sweet grains. Postpaid, Pkt., 10c; lb., 30c; 2 lbs., 55c. By Express, Not Paid, 5 lbs., \$1.25; 10 lbs., \$2.00; 50 lbs., \$8.50.

Early Adams

An excellent early field variety used for table. Ears about eight inches long, twelve or fourteen rowed; kernels white, rounded somewhat deeper than broad and indented at the outer end which is whiter and less transparent than the inner. Postpaid, Pkt., 10c; lb., 25c; 2 lbs., 45c. By Express, Not Paid, 5 lbs., 90c; 10 lbs., \$1.50; 50 lbs., \$6.25.

Stowell's Evergreen

The standard main crop variety, much used for the home garden, market and canning. It is hardy and productive, very tender and sugary, remaining a long time in condition suitable for boiling. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best known of all late sorts. The ears average about 7 to 8 inches long, fourteen to twenty rowed, with very white grain. The stalks are about seven and one-half feet high. Postpaid, Pkt., 10c; lb., 30c; 2 lbs., 55c. By Express, Not Paid, 5 lbs., \$1.25; 10 lbs., \$2.00; 50 lbs., \$8.50.

TUCKERS' EARLY SUGAR QUEEN

In this new variety of Early Sugar Corn you will find the **Purest Ivory White Corn**. Sweetest Flavor and earlier than any early Sugar Corn you have ever grown. Early Sugar Queen matures in about 55 days from planting. Early Sugar Queen is the sweetest Early Sugar Corn you can possibly grow. The color is a pure ivory white, and the ears contain from 10 to 12 rows of grains each. Ears are perfect shape and filled well, clear to the end. Postpaid, Pkt., 15c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.00.

Early Minnesota

The stalks are about six feet high, bearing one to two ears well covered with husks. The ears are about eight inches long, eight rowed; kernels very broad, sweet and tender, not shrinking much in drying. Postpaid, Pkt., 10c; lb., 30c; 2 lbs., 55c. By Express, Not Paid, 5 lbs., \$1.25; 10 lbs., \$2.00; 50 lbs., \$8.50.

Country Gentleman.

One of the richest flavored of all the late varieties. As a table corn, this variety stands unrivalled, and without a doubt is one of the most luscious of all varieties of Sweet Corn. The plump, pearly-white kernels are of great depth, and most delicious, and the flavor will delight an epicure. We have selected this sort for many years and are especially proud of our strain. It comes as true to type as any we have ever seen. Ears average 9 inches long by 2 inches in diameter and are typical "shoe-peg". Postpaid, Pkt., 15c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.50.

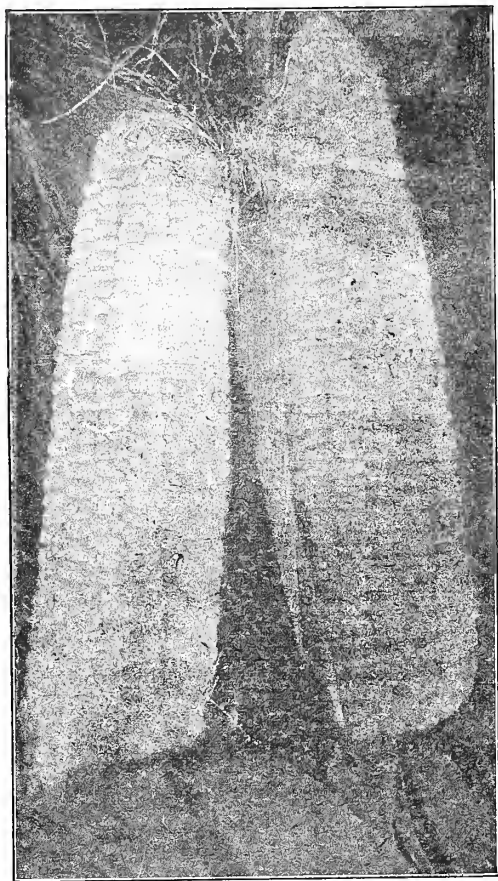
Black Mexican.

This corn, when very young, cooks remarkably white, but the ripe grain is bluish black. For home use we consider it the best second early sort where tenderness and sweetness are the qualities most desired. It does especially well as a second early variety in the south. The stalks are about six and one-half feet high. The ears are about eight inches long and are usually eight rowed. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.35; 10 lbs., \$2.45; 50 lbs., \$10.50.

PLEASE NOTE

SPECIAL—We will mail, Postpaid, four 15-cent packets, Sweet Corn, your selection of Varieties for 45 cents.

Any four packets priced at 10 cents per packet for 30 cents, postpaid.



SEED POP CORN (SHELLED)

Pop Corn. The big money crop for the Boys and Girls as well as the Grown-ups. We really do not know of a better paying crop than Pop Corn. The average yield of the White Rice and Queen's Golden varieties is 2500 pounds per acre, and yields as high as two tons per acre on good ground are not uncommon.

The average price ranges from double to five times as high as field corn. Give your boys and girls the use of that odd piece of ground this spring. Let them plant it to Pop Corn and give them the money they make from it. It will encourage them as well as help you.

Queen's Golden.

The largest sort, stalks grow 5 feet to 6 feet high, producing two to three large ears each. Pops perfectly white. The yield of this variety in ear corn to the acre is equal to any of the larger varieties, as it can be planted much closer than larger varieties of corn. Postpaid, Pkt., 10c; lb., 25c; 3 lbs., 70c. By express or freight, lb., 20c; 5 lbs., 95c. Larger quantities at 18c per pound.

Tom Thumb or Japanese

The Tom Thumb is a dwarf growing, White Rice Pop Corn. Is ready for popping, soon after it is husked. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high, and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. Postpaid, Pkt., 10c; lb., 30c; 3 lbs., 80c. By express or freight, lb., 25c; 5 lbs., \$1.10. Larger quantities at 20c per pound.

Baby Golden.

Baby Golden is a dwarf variety of the Rice type. The ears are smaller, averaging 3 to 4 inches long. Grains are pointed and yellowish in color. The stalks grow from four to five feet high and bear from two to four perfect ears each. The quality of the Baby Golden Pop Corn cannot be surpassed. It pops without any hard center whatever, and another good point is that it all pops. For home use we especially recommend this variety. Postpaid, Pkt., 10c; lb., 30c; 3 lbs., 80c. by Express or freight, lb., 25c; 5 lbs., \$1.10. Larger quantities, 20c per pound.

Tuckers' Sweetheart Sugar Corn

(See Illustration)

Absolutely the Whitest and Sweetest Main Crop Sugar Corn. The ears are large, measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels, that are of most deliciously sweet flavor.

Stalks average 6 feet tall, broad leaved and very strong growing. Sweetheart sugar corn is not an extra early, but a medium early main crop variety. We especially recommend this new corn for your home garden, and know positively that you will be more than pleased with the results. Market gardeners give this new variety a trial it is sure to please you. Postpaid, Pkt., 15c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.50.

Narrow Grain Evergreen

This New Type of Sweet Corn is a decided improvement over the old Wide Grain Evergreen. The ear is as large as the Stowell's Evergreen and averages more rows to the ear. The cob is small in comparison to the size of the ear, and the kernels are very long, narrow and remarkably free from starch. The rows are uniformly straight and the ear holds its evenness from butt to tip more uniformly than any other type of Evergreen. Postpaid, Pkt., 15c; lb., 40c; 2 lbs., 75c. By Express, Not Paid, 5 lbs., \$1.50; 10 lbs., \$2.75; 50 lbs., \$12.50.

Mammoth Late Sugar

Produces larger ears than any other Sugar Corn and of good quality; a rich and very sweet late variety. Postpaid, Pkt., 10c; lb 30c; 2 lbs., 55c. By Express, Not Paid, 5 lbs., \$1.25; 10 lbs., \$2.00; 50 lbs., \$8.50.



Selected White Rice.

Our stock of this variety is very choice, having been selected very carefully for many years. This variety is one of the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality; very crisp and delicious. Postpaid, Pkt., 10c; lb., 25c; 3 Ls., 70c. By express or freight, lb., 20c; 5 lbs., 95c. Larger quantities at 18c per pound.

Tuckers' Quality Lettuce

May King

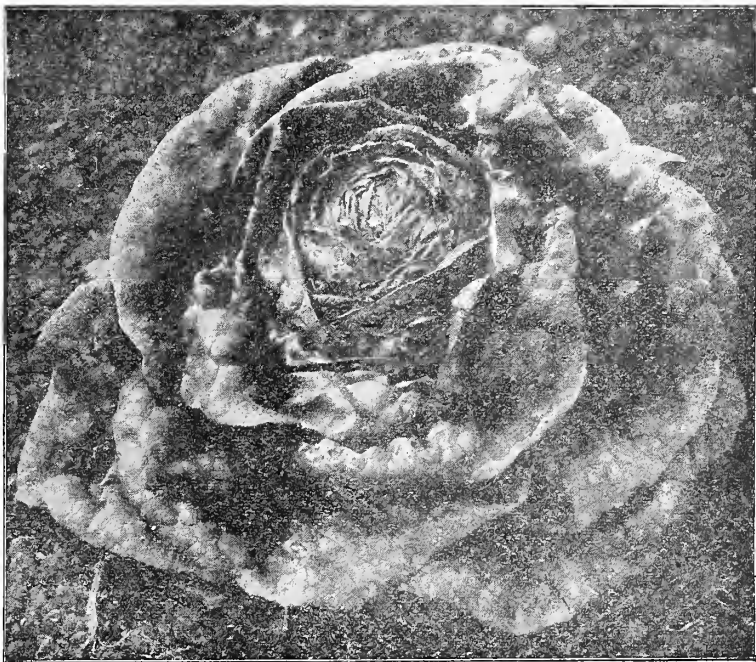
This remarkable variety has proven itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid globular heads very early in the spring. Postpaid Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Selected Big Boston

A Grand Large Head Lettuce for Early Summer or Fall use. Big Tender and Crisp. Creamy White Heads. —The king of all large head lettuces. A most desirable variety, either for forcing in cold frames or open ground planting. The Big Boston is sure to be wanted by market gardeners and trucksters because it always produces large, solid salable heads, and will commend itself to amateurs because it heads up well at all seasons of the year, and is of crisp, tender quality. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Selected Grand Rapids

Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the Spring for family use. Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. We take special pains to have our strain of Grand Rapids very true to type and are selling some of the largest greenhouse Lettuce growers their supply annually. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



California Cream Butter

Stands the hot summer weather of the west and south better than most any other variety. Well formed large heads with rich, yellow leaves that are thick, tender and fine flavor. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Early Curled Simpson

A leading early sort; does not head, but forms a compact mass of curly leaves of yellowish green. Matures early; generally grown in cold-frames and as an early crop. Very tender and most crisp. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Black-Seeded Simpson

Is very popular among market gardeners, and fine for the home table. Forms a large, loose head. Its nearly white, curly leaves are large, thin, very tender and of good quality. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Improved Hanson

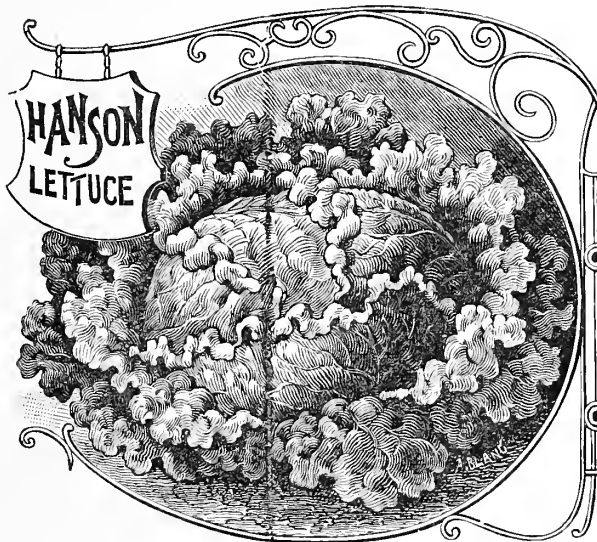
One of the best for growing during the hot summer months. The large heads weigh sometimes two or three pounds. They are tender, crisp and fine flavor. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

Prize Head

Mammoth heads; even the outer leaves are crisp and tender; light green, tinged with brownish red. Superb flavor; very hardy; very fine for home use. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

Celery Lettuce, Trianon Cos

This variety is the finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, like Early Jersey Wakefield Cabbages blanch and become snowy white. Excels in quality and crispness. The leaves, when blanched, are stiff like Celery, and can be eaten in the same manner. Postpaid, Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.



Musk Mellons or Cantaloupes

A rich, sandy soil and good seed are absolutely necessary for success in raising the best Musk Melons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill, and when danger from insects is past leave three or four of the strongest plants only.

Rust Resistant Rocky Ford

This is the highest development yet attained in the Rocky Ford Cantaloupe, both in netting and rust-resistant qualities. The melons appear as shown in cut solid net, the heavy gray netting being closely laced and interlaced over the entire surface of the melon from the stem to the well-developed blossom button.

The meat is light green and very deep; its flavor is not excelled by any of the green meat sorts. It is highly rust-resistant. Under unfavorable conditions when other strains rust badly the vines of this strain remain green and thrifty, continuing to blossom and set on fruits. It yields a heavy crop, continuing long in bearing, and cannot fail to please. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

Honey Dew Musk Melon

A Delicious New Melon. Its name has been well chosen, as it is about as sweet as Honey. The average size is about six inches in diameter, and they weigh five to six pounds. The skin is smooth with little netting, and of creamy yellow when ripe. The flesh is a beautiful green next to the outside rind shading to light green at the center. It is very thick, melting, fine grained and can be eaten almost to the rind, and the seed cavity is quite small. It is very prolific, crops of 8,000 to 10,000 melons per acre having been reported. It is easily pulled from the vine, when fully ripe, and will keep for several weeks. The late maturing fruits are said to have kept until Christmas. Pkt., 10c; oz., 15c; ¼ lb., 60c; lb., \$1.75.

Delicious Gold Lined.

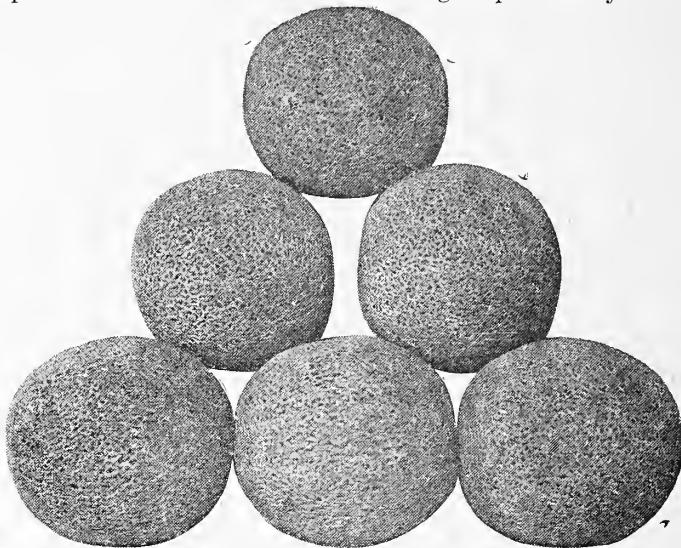
(Green flesh)—One of the sweetest and most delicious early melons. The melons are deeply netted, with a heavy grayish netting. Its shape is ideal, very slightly oval, no ribs and is heavily netted over the entire melon. A wonderfully prolific yielder. The close and deep netting protects its keeping and shipping qualities. The seed cavity is very small, the attractive green flesh is thick and firm, and lined with a gold margin next to the seed, making it one of the best melons for market as well as the home garden. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Tuckers' Champion Market

Champion Market is one of the sweetest and most luscious green-fleshed Cantaloupes. Distinctly ribbed and thickly netted; color of skin grey-green. The flesh is an attractive green of exquisite texture, sugary, juicy, tender and entirely free from any stringiness. The vines are of luxuriant and vigorous growth yielding bountifully. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., \$1.25.

Extra Early Hackensack

(Green flesh)—This is a variety possessing all of the good qualities of the large Hackensack, but by careful selection a strain has been secured which will ripen about a week or ten days earlier than the old variety, making it more desirable where an extra early large melon is required. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.



RUST RESISTANT ROCKY FORD

Tip-Top

Tip-Top in Quality—Tip-Top in Appearance—Tip-Top in Productiveness. The testimony of all who have used Tip-Top is that every melon produced whether big or little, early or late, is a good one—sweet juicy finest flavor, firm fleshed, and eatable to the outside coating. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Hoodoo

The vine is quite vigorous, and is very productive. The fruits vary slightly in shape, averaging nearly round. The netting is distinctive in being exceptionally dense and fine, and it extends over practically the entire surface. Flesh very thick, highly colored of finest texture and delicious flavor. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Rocky Ford Pink Meat

The Pink Meat Rock Ford Cantaloupe has become very popular in the last two or three years. It is beautifully netted. Its shipping qualities are excellent, quality all that can be desired, and we believe is destined to be very popular. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Banana

Attains a length of from 18 to 24 inches; from 2 to 4 inches thick. Flesh very thick, of salmon color. It looks almost like an over grown banana and smells like one, hence its name. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10.

Cassaba Melon

The Cassabas are primarily for winter use. They require a long season for maturing but the fruits are exceptionally good keepers. The skin of the fruits is usually furrowed and they possess little or none of the common muskmelon odor.

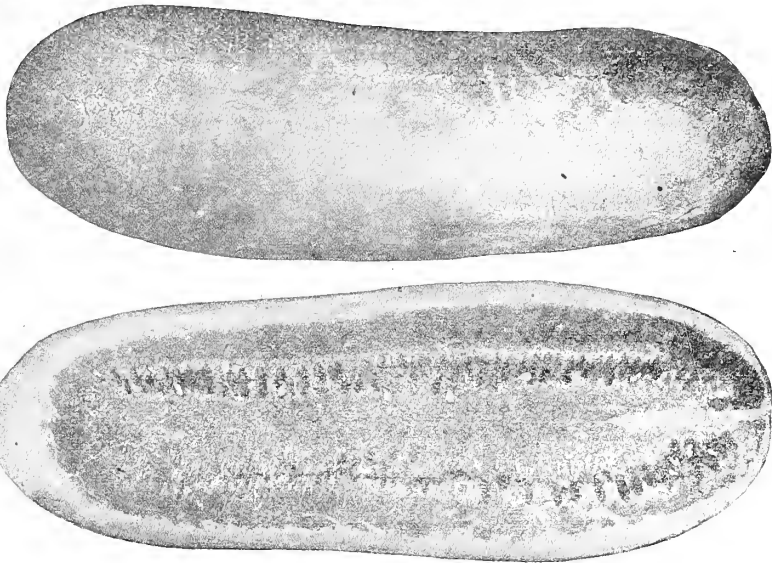
Winter Pineapple Cassaba

One of the best cassabas. The fruits are nearly globular, bright yellow with golden tint, with wrinkled skin, six to eight inches in diameter. The flesh is white, very thick, juicy and sweet. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Water Melons

Tuckers' Delicious

A Grand Watermelon. We want you to try this grand melon for your own table, you will certainly be surprised by its delicious flavor. Delicious Melons are oblong in shape. Averaging eighteen to twenty inches in length, color light green, flesh of the deepest indescribable crimson, delightfully sweet and refreshing. The vines are robust and strong-growing. They should be planted fully 12 feet apart each way, often setting fruit before runners are a yard long and so prolific that you can almost walk across the patch on the melons. One distinct feature of this melon is that the flesh is a good deep red by the time the seeds are formed in it, often before the melon is really half grown. Postpaid, Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



TUCKERS' DELICIOUS

Golden Honey

A beautiful golden-flesh melon, one of the finest we have ever tasted. The flesh is a beautiful glistening amber shade of yellow. It is medium early, of uniform large size and oblong shape, and has a very handsome appearance. The color of the rind is light green, with mottled stripes. This melon has no hard core or stringy sections. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Bradford

The vines are strong and healthy, producing a large number of attractively shaped melons. The color is dark green with darker stripes. Bradford Melons are large, and heavy weighing 35 to 40 pounds. Flesh a deep scarlet, firm, solid and of the richest flavor imaginable. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Sweet Heart

Large and heavy, oval shape, pale green color with distinct netted lines of a darker shade. The solid flesh is deep rich red; crisp and luscious. Extra fine for home use, but bears shipping well. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Hungarian Honey

A new variety brought from Hungary a few years ago. They grow round as a cannon ball, very uniform in size and weight, running from 10 to 12 pounds. The outside skin is dark green, rind thin, flesh red and unusually sweet and luscious. Postpaid, Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Preserving Citron

Red Seeded; most desirable for preserves; flesh solid and white. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Mixed Water Melon Seed

Our mixed Water Melon Seed is fine for home Garden, where a greater variety is wanted. This mixture contains all of the varieties listed on this page, besides others which we did not have room to list. The seed is strictly first class in every way. Try this mixture this season. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

Halbert Honey

A very sweet, long dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home garden. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Kleckley Sweets

Of superb, luscious flavor, very desirable to plant for home use or local markets. The melons are oblong in form, with dark green skin, thin rind which is very brittle. Flesh bright scarlet with solid heart, deliciously crisp, sugary and splendid in every way. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb \$1.00.

Tom Watson

Is an extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey" melting and of superb flavor. The average melon will weigh 35 to 40 lbs., and measures about 28 inches long and about 12 in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

New Chilian

The Chilian Watermelon is different in many marketable degrees. It is smaller than the usual oblong melon and almost globular in shape, and only about 12 inches in diameter either direction. The variety is wonderfully prolific and bears more early ripening melons than perhaps any other variety grown. The flesh when the melon is cut is firm, never mealy, granular or stringy, and of a brilliant deep blood red color, right up to the thin rind. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Ice Cream—True White Seeded.

Few varieties surpass a True Ice Cream Watermelon for quality and productiveness. Of good size, medium early, fruit oblong; rind light mottled green; bright flesh, and solid to center; melting and delicious. Free from hard core or stringiness. Seed white. Postpaid, Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Tuckers' Quality Onion Seed

Culture—Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onion a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow 4 to 5 lb., to the acre in drills 1 foot apart and about $\frac{1}{4}$ inch deep. When 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds.

Southport Red Globe.

The handsomest of all red onions. The bulbs are remarkably uniform in shape, of a rich red color, ripens evenly and yields the largest percentage of marketable onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market. Our strain of Red Globe is absolutely unsurpassed producing uniformly, handsome, thin-necked, hard, richly-colored bulbs. Postpaid, Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Large Red Wethersfield

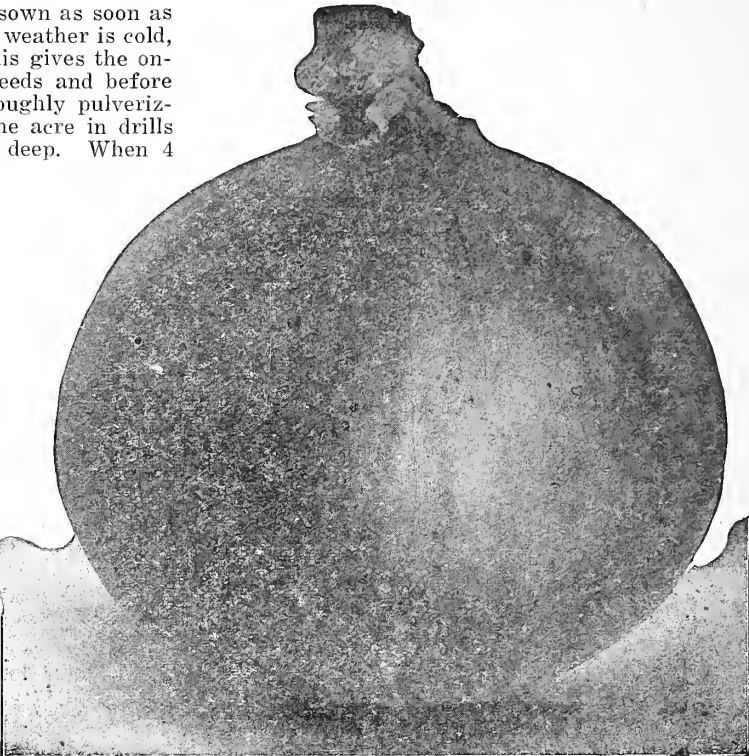
For General purposes the country over, no red variety is more largely grown. One of the largest most uniform and heaviest yielders. Large size; skin deep purplish red; form round, somewhat flattened; flesh purplish-white. Yields enormous crops. Postpaid, Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

Mammoth Yellow Prize-Taker.

Enormous size, 12 to 14 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained and a mild delicate flavor. The outside skin is a rich yellow, while the flesh is white. They bottom well, are free from stiff necks and have produced more bushels of marketable onions to the acre than any other variety. Postpaid, Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

Southport White Globe.

Yields abundantly, producing medium to large, handsome and finely shaped, clear white bulbs. The flesh is firm, fine grained, quite mild in flavor and is more attractive than the colored sorts when cooked. Bulbs globe-shaped, full at the shoulder, rounded at the base and keep well. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.75.



SOUTHPORT RED GLOBE.

Mammoth Silver King.

One of the largest onions in cultivation. Very large, early, flat, but thick through. Tender and of very mild, sweet flavor; uniform in size and shape. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.15 lb., \$3.75.

White Portugal, or Silver Skin

An early white flat onion. Fine for using as green onions or as a winter variety. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10 lb., \$3.75.

Extra-Early White Barletta

The very earliest Onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild delicate; adapted for table use; makes an extremely pretty bunch onion. Postpaid Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.75.

Australian Brown

This variety has become very popular, because of its good keeping qualities. The bulb is medium sized, nearly spherical, being slightly flattened; reddish brown in color and very solid. Postpaid, Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

ONION SETS

Prices subject to Market Changes. Write for firm prices on any quantity you may want. We are large handlers and will name you attractive prices in large quantities.

Red Bottom Onion Sets

By Mail, Postpaid, Qt., 25c; Gal., 75c. By express or freight, Qt., 15c; Gal., 50c; Bu., about \$3.75.

Yellow Bottom Onion Sets.

By mail postpaid, Qt., 25c; Gal., 75c. By express or freight, Qt., 15c; Gal., 50c; Bu., about \$3.75.

White Bottom Onion Sets

By mail postpaid, Qt., 30c; Gal., 85c. By express or freight Qt., 20c; Gal., 70c; Bu., about \$5.00

Fine Peppers

Sow early in hotbeds or boxes or in open ground late in Spring, when 4 inches high transplant in rows 24 inches apart and 20 inches apart in rows. Pepper seed germinates very slowly.

Ruby Giant

Ruby Giant Pepper is one of the largest and finest mild Red Peppers in cultivation. The plants are vigorous not over 2 feet in height. They are well branched; thickly set with enormous fruits, some 4 to 6 inches long by 3 to 4 inches thick. When ripe, they are a beautiful bright glossy ruby red color, and are always remarkably mild and very pleasant to the taste if not grown too close to the hot varieties. They can even be sliced and eaten with salt and vinegar. Postpaid, Pkt., 15c; oz., 75c; ¼ lb., \$2.50.

Chinese Giant

Without doubt one of the very best and largest Mango Peppers that was ever produced. Its mammoth size, splendid shape, beautiful rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation. Very popular with all. Its strong busy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. Postpaid, Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

RUBY KING.

The old standby. Peppers 3 to 4 inches in diameter, of mild flavor, very desirable for mangoes. Postpaid, Pkt., 15c; oz., 65c; ¼ lb., \$2.25.

Perfection Pimento

This pepper is especially desirable for home and market garden purposes; both as a green or ripe fruit. It is so smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds or by boiling a few minutes in hot water.

The hull or meat is from two to three times as thick as that of the bell types hence yields about twice as much. The quality is very sweet and delicious and entirely free from pungency, yields very heavily up to time to frost. Postpaid, Pkt., 15c; oz., 75c; ¼ lb., \$2.50.

Large Bell, or Bull Nose.

An early variety and of mild flavor; the skin is quite thick and fleshy; of medium size; is very popular. Postpaid, Pkt., 15c; oz., 65c; ¼ lb., \$2.25.

Long Red Cayenne

A strong hot pepper, having long, slender bright red pods about 4 inches long. Both the green and ripe peppers are used for pickling. Postpaid, Pkt., 15c; oz., 65c; ¼ lb., \$2.25.

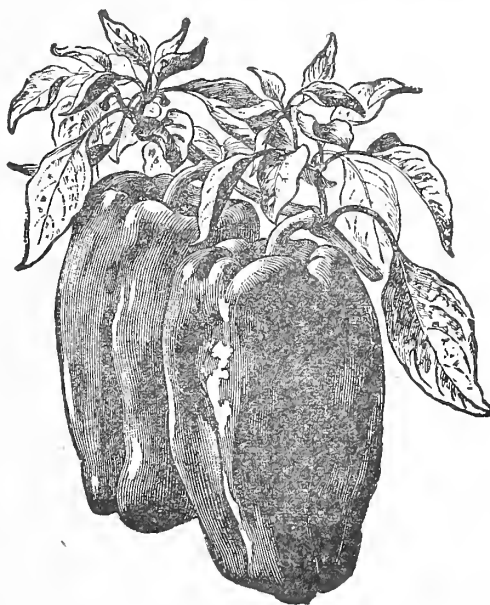
PARSLEY

Succeeds best in a rich mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring. One ounce of seed will sow about 150 feet of drill.



Champion Moss Curled

A handsome variety of quick robust growth, forming compact, ornamental plants densely furnished with strong stemmed graceful leaves finely cut, most beautifully curled and of that brilliant emerald green color so highly attractive



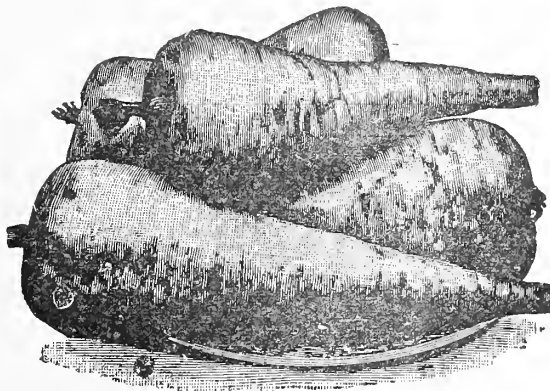
Ruby King

when used for garnishing. The flavor of the leaves is unusually rich and aromatic. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

Parsnips are usually grown on deep rich sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow and uneven in growth it should be sown as early as possible in drills two and one-half feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to six inches apart in the row.

Large Sugar, or Hollow Crown (Improved Guernsey)

An excellent variety for the table. Roots long, with smooth white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.



HOLLOW CROWN PARSNIPS.

Quality Garden Peas

Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not as hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks. When grown for market, peas are rarely staked; in small gardens grow in double rows, 6 to 8 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth. One quart will plant 100 feet of drill; 1½ bushels for an acre. All peas marked (*) are wrinkled.

Extra Early Alaska

Extra early, and undoubtedly one of the earliest that can be grown; and a great favorite with market gardeners. The vines are of strong vigorous habit and bear from four to seven long pods that are always filled with medium size peas of the most delicious flavor. Height 2 to 2½ feet. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, Not Paid, 5 lbs., \$1.25; 15 lbs., \$3.00.

First and Best

Matures in from forty to fifty-five days after germination. The peas are of medium size, round, smooth, and of splendid flavor. The vines are very hardy and seed may be sown as soon as the soil becomes mellow. Height 2 feet. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.00.

Nott's Excelsior

*Foliage dark green and rather heavy, suggesting health and vigor. On good soil, grows about 1 foot high. Pods one-third larger than American Wonder and are all ready to pick at once; a great yielder. Pods more often square than round. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

Premium Gem

*A deservedly popular dwarf growing sort, growing about fourteen inches high. It is hardier and can be planted earlier than most wrinkled peas; very prolific. The pods are large and contain six to eight peas each. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By Express, not paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

Tuckers' Potlatch

In Firmness and Productiveness, combined with Quality, Potlatch leads them all.

We want you to include Potlatch Peas in your order this year, and learn what a really good, large, sweet pea it is. Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color 3½ to 4 inches in length. Broad and pointed at the ends. No variety known will produce more pods, and no pods could possibly shell out better. The Potlatch is a variety from which anyone may expect great things. Fit for table use 61 days from planting. Seed green, wrinkled, large in size. We consider ourselves very fortunate in having secured this extra fine pea. Postpaid, Pkt., 15c; lb., 40c; 2 lbs., 75c. By express, not paid, 5 lbs., \$1.50; 15 lbs., \$4.00.

Ameer

The Largest Podded Extra Early Variety.. An extra early podded pea of excellent quality. Vines grow about 3 feet in height, producing large, finely shaped pods. The peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable variety for the home, garden or market. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.00.

Dwarf Gray Sugar

The old standard variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Seed is brown and wrinkled. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express not paid, 5 lbs., \$1.35; 15 lbs., \$3.75.

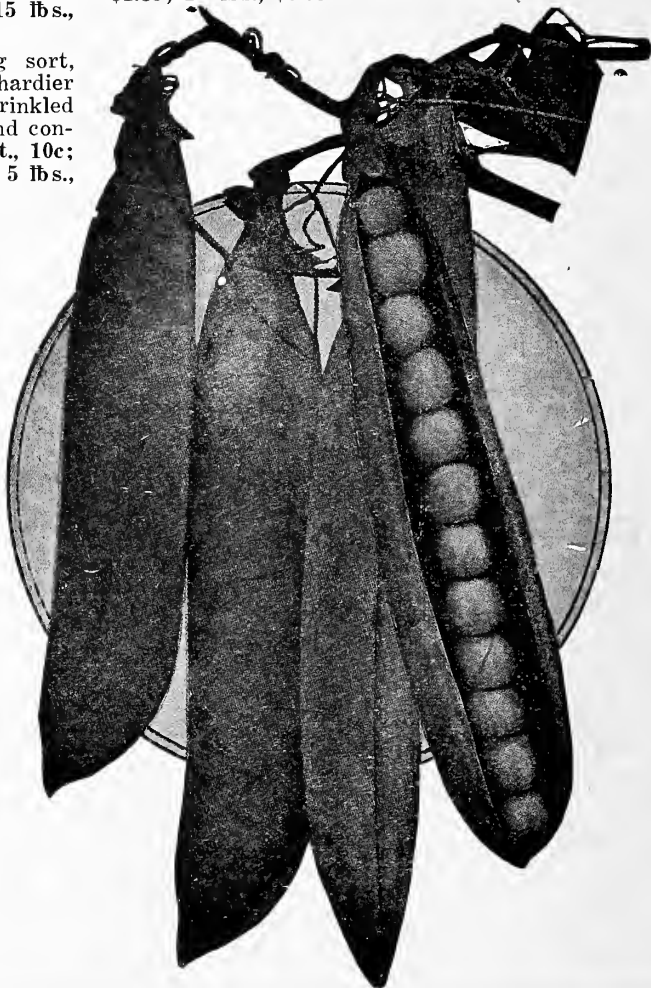
Peter Pan

A grand new early sort with big Dark Green pods and peas.

Produces large pods filled with peas of highest quality. It has vigorous growing large dark foliage standing about 15 to 18 inches in height. The Peter Pan Pea is the "last word" in this class of large podded dwarf growing dark green foliage, pods and peas. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.50; 15 lbs., \$4.00.

American Wonder

*A desirable dwarf variety growing only nine inches high, very early. Peas are wrinkled, very sweet and high flavored. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.35; 15 lbs., \$3.75.



POTLATCH

GARDEN PEAS

Alderman

The Alderman is a late wrinkled variety growing four to five feet high and bearing freely, large pods of a dark green color. These pods each contain eight or nine large dark green Peas of unsurpassed flavor. Postpaid, pkt., 10c; lb., 40c; 2 lbs., 75c. By express, 5 lbs., \$1.35; 15 lbs., \$3.75.

McLean's Advancer.

*The Leading Pea for second-early. Excellent flavor, very productive. This Pea is used very extensively by market gardeners and canners on account of its great productiveness and its exceedingly fine flavor. It is a wrinkled variety, grows about two feet in height. Has long pods, and well filled to the end. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.25.

Thomas Laxton

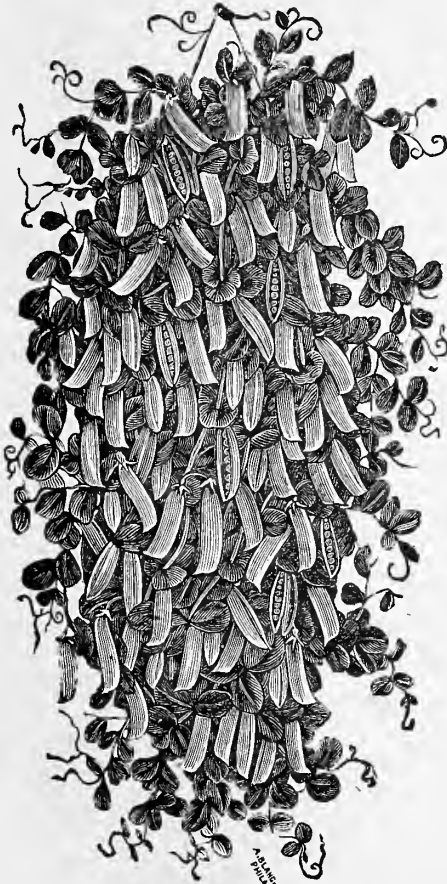
*A heavy and reliable cropper, bearing uniform, straight square-ended, dark green pods, containing 7 to 8 large, rich-flavored peas of a deep-green color, adding to their attractiveness when served. Almost as early as the extra early smooth peas. 3 feet high. Postpaid, Pkt., 10c; lb., 40c; 2 lbs., 75c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.25.

Telephone

*Extra large pods. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas. Tender, sweet and of splendid quality and flavor. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.25.

Champion of England.

*A very productive variety, universally admitted to be one of the richest and best flavored of the late peas. The vines are tall, about four or five feet high. Pods large, about three inches long. The seed is light green and wrinkled. Postpaid, Pkt., 10c; lb., 35c; 2 lbs., 65c. By express, not paid, 5 lbs., \$1.25; 15 lbs., \$3.25.



CHAMPION OF ENGLAND

Large White Marrowfat

The vines of this tall variety are about five feet high and of strong growth. The pods are large, about three inches long, cylindrical, sur-

face somewhat roughened, light colored and well filled; seed large, smooth, round and light creamy yellow. Postpaid, Pkt., 10c; lb., 35c; 2 lb., 65c.. By express, not paid, 5 lb., \$1.25; 15 lbs., \$3.25.

FINE PUMPKINS

Pumpkins do not require as rich soil as squashes, cucumbers and melons, but on good land the pumpkins will be much larger. Plant in May in hills 8 to 10 feet apart, mixing well-rotted manure in each hill. Put 8 to 10 seeds in each hill, and cultivate till the vines get strong, when they should be thinned out, leaving two or three of the strongest in the hill.

Small Sweet or Sugar

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is very fine grained, most delicious sweet-flavored sort, splendid keeper. They average about 10 inches in diameter. Deep orange-yellow color. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.00.

Striped Cushaw

A great favorite. Beautiful in appearance; a distinct mottled green white striped. Fruit solid average 15 to 25 pounds. Flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.25.

Tennessee Sweet Potato

Medium sized, pear shaped striped white and green; thick flesh and of good flavor. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Genuine Mammoth or True Potiron

(King of the Mammoths, Jumbo Pumpkin).

Of true Mammoth size, specimens weighing sometimes from 100 to 125 pounds. The skin of salmon-orange color, the flesh thick, bright yellow, fine grained and of good quality. Give plenty of space. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

Large Sweet Cheese

Superior to the field varieties, as it is excellent for table use as well as for stock feeding. Is fine for pies. Shape flat, skin mottled light green and yellow. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

Large Sweet, or Kentucky Field

Large, round, flattened, hardy and productive. 1 to 2 feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use, also grown largely for stock feeding. Postpaid, pkt., 5c; oz., 10c; ¼ lb., 35c; lb., 90c.

TUCKERS' QUALITY RADISH SEED

To be tender and crisp, radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of ten days, in a light, rich, deeply-worked soil. May also be sown as a catch-crop between rows of beets, lettuce, onions, etc.

New Saxa

Bright Scarlet, Small Top and Root

This variety is of a beautiful scarlet color, round as a marble and having a very small top and tap root. It comes so quick that it has been placed on the dining table in three weeks from the time of sowing seed. The flesh of the New Saxa is very crisp, brittle and juicy, and remains in fit condition for the table for a long time. Postpaid, Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75

Scarlet Globe.

This is a splendid globe Radish, one of the very finest early strains of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Sparkler

A splendid variety of the Scarlet Turnip White Tipped type, but showing more white, practically the whole lower part being white while the upper half is bright scarlet. Is very attractive, and is of good quality. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Crimson Giant

A variety extraordinary in that, while growing to an unusually large size, it is also tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time. Root, turnip-shaped, color, a beautiful crimson-carminé, flesh firm, crisp and tender. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Scarlet Turnip White Tip.

Of fine round shape; flesh pure white, and as a result of its quick growth, very crisp, mild and tender. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25.

Early Scarlet Turnip

Of very quick growth. The skin is a rich scarlet color; the flesh snowy white and always mild, crisp and sweet. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

French Breakfast

This pretty Radish in color is bright red, tipped with white. It is ablong in shape and in quality is crisp and tender. A quick grower, and an exceedingly popular variety. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

White Lady Finger

The long White Lady Finger Radish has long been the most popular for open ground culture. It is slender and graceful in form, with delicate white skin and remarkably tender and brittle flesh. The flavor is mild and sweet. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

TUCKERS' WHITE ICICLE

Our selected strain of this popular white Radish will insure you the finest flavored radish you have ever eaten. Excellent and profitable. Has few leaves. The Icicle radish is perfectly white in color and long and tapering in shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Long Brightest Scarlet, White Tipped

One of the brightest scarlet radishes known. Roots mature in about twenty-five days from time of planting and continue in good condition until full grown. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

White Strasburg Summer

Of good quality at all stages of its growth. When fully grown the roots are about five inches long and very thick at the shoulder. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Early Long Scarlet Short Top

This variety is largely used by market gardeners who consider it one of the most profitable sorts which they can plant. Also an excellent variety for home gardeners. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Chartier Summer

The roots are about an inch in diameter and six inches long. Color a bright red, shading to a white tip; flesh remarkably crisp and mild. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

WINTER RADISHES

Long Black Spanish

One of the latest as well as hardiest of the radishes.

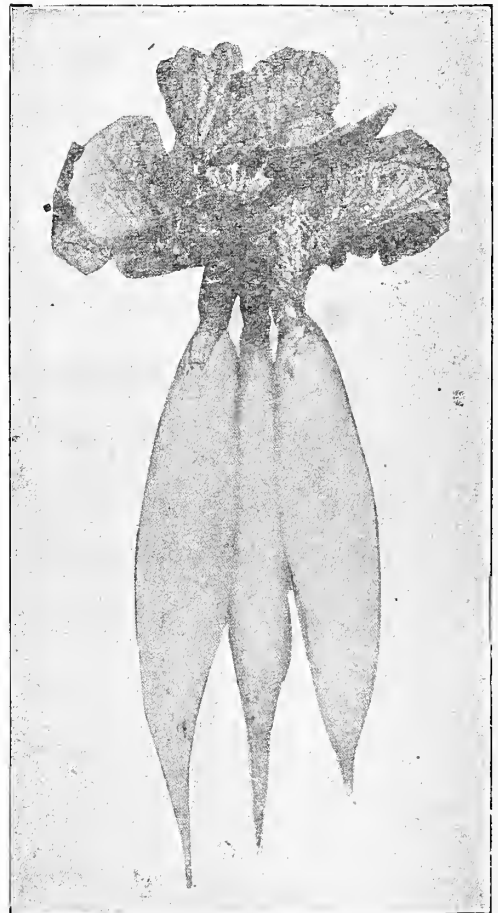
California Mammoth

Pure white about one foot long and two or three inches through tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter.

Rose Colored China

Skin very smooth and of a bright rose color; flesh firm, crisp, tender and quite pungent.

Price all varieties Winter Radishes, Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



TUCKERS' WHITE ICICLE.

HERBS

Every kitchen garden should have a few herbs. They are easily grown and are always pleasant and desirable for flavoring, perfuming and medical purposes.

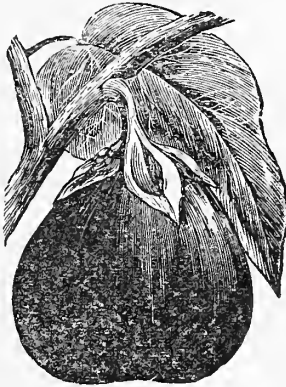
Anise, Basil, *Fennel, *Sage, Coriander, Dill, Savory, *Caraway, Marjoram, *Thyme, *Horehound, *Lavender. Each 5c per packet. All varieties marked with (*) are perennial.

Egg Plant

Sow in hot-bed in February or March and keep well protected so that the growth be rapid and not checked. When 2 inches high, transplant to pots, in boxes or in the beds 3 to 4 inches apart, and when frost is past, set out 3 feet apart in a deep, rich loamy soil. Dust lightly with Slug Shot to protect from bugs. Seeds germinate slowly. One ounce will produce about 1,000 plants.

New York Improved Large Purple

The standard variety everywhere. The eggs come early, are of large size, regular oval shape and a fine deep purple in color. Postpaid, Pkt., 15c; oz., 75c; ¼ lb., \$2.50.



Endive

Fine Green Curled

Hardest variety; the most desirable for home use or market garden. Deep green leaves, beautifully cut and curled; easily blanched. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Mustard

Ostrich Plume

An improved strain of the Southern Giant Curled, but immensely superior to this sort both in appearance and delicate flavor. The leaves are finely cut and densely curled resembling wavy ostrich plumes. Of very thick growth and mild flavor. The finest mustard in existence. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

Chinese Giant

The leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Plants of very quick growth and fairly upright. This sort is preferred by many, as it is more easily prepared for the table than the rougher leaved variety. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

Giant Southern Curled

This variety is a great favorite in the South for garnishing. Grows about 2 feet in height with very dark large green leaves the edges of which are finely curled. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 85c.

White or Yellow London

Tender and mild. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Black or Brown

Old standard variety. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Kohl Rabi

For early use, sow in hotbed, transplant and cultivate like Early Cabbage. For winter use, plant the middle of June or first of July outdoors in rows 18 inches apart, transplanting or thinning out to 8 inches apart in the rows. One ounce of seed sows 200 feet of drill.

Early White Vienna

Greenish white outside with clear white flesh within. Smooth short leaf, good for forcing; fine quality. Postpaid, Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.25.

Early Purple Vienna

Same in every respect as the early White Vienna, except in color. Postpaid, Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.



Okra or Gumbo

White Velvet

Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white of superior flavor and tenderness. Plant of compact branching growth; prolific. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Dwarf Green Pod

Plant dwarf, are very productive. Produces beautiful, long, slender, deep green pods which remain tender a long time. An extra choice variety. Postpaid, Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Rhubarb, or Pie Plant

CULTURE—Will not stand extreme heat, so it should be grown in a moist or shaded situation. Sow in March or April, and when a few inches high, thin out to 12 inches apart, and in the fall, or following spring, transplant 2½ to 3 feet apart in 6-foot rows. Fall-set roots should be protected with well rotted manure.

Giant Victoria

Sometimes weighing 1 pound each. Skin thick and Red stained. Pulp quite acid. Productive and profitable for market gardeners. Postpaid, Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.90.

Rhubarb Roots

We supply fine roots of the Giant Victoria, not seedlings. Mailing size, each 10c; dozen, \$1.00. postpaid. By express at purchasers expense, dozen 60c; 25 for \$1.00; \$3.50 per 100.

HORSE RADISH

Roots ready for planting—By mail, postpaid, 6 for 15c; doz., 25c; By express, not paid, 100 for 75c; 300 for \$1.80; 500 for \$2.50; 1000 for \$4.50. Prices on large lots on application.

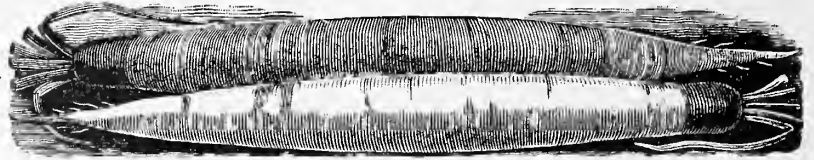
Salsify or Oyster Plant

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. Salsify will keep finely through the winter in the ground, where sown, in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact, they are best after the frost has touched them.

Sow early in drills 18 inches apart and cover firmly one inch deep; thin to three inches apart in the drills. One ounce of seed will sow 100 feet of drill; eight pounds is sufficient to plant an acre.

Mammoth Sandwich Island

Grows very large resembling good sized parsnips; well flavored, mild. Postpaid, Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



SALSIFY SANDWICH ISLAND

SQUASH

After danger of frost is past, plant in a warm well pulverized, rich soil, mixing well-rotted manure in each hill. Plant eight or ten seeds to the hill. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, one ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.

Delicious

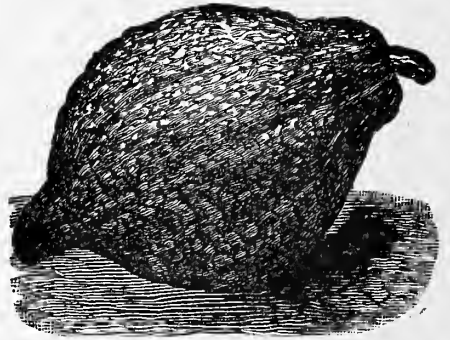
This squash is particularly excellent in quality and is now by many considered even better than the Hubbard, which has been so long looked upon as the standard. Delicious is a fall and winter variety of medium size. The fruits are moderately hard, usually dark green but sometimes lighter in color and mottled, and are without any hard shell. The flesh is thick, very fine grained and bright yellow in color. Even when somewhat immature this squash is in fine condition for use and of finest flavor. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

WARTED HUBBARD

One of the best of the winter squashes. Vines vigorous and very productive. Fruit large, heavy, moderately warted, with very hard shell, skin uniformly dark bronze green. Flesh bright orange-yellow, fine grained, thick, dry and richly flavored. Can be kept in good condition until spring. It is esteemed by many to be as good baked as sweet potato. Our stock is carefully selected in regard to quality of the flesh and color of the shell and is much superior to that commonly sold. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

Golden Hubbard

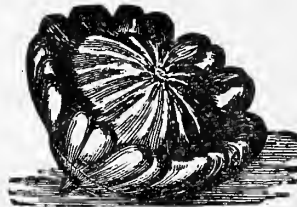
A perfect type of the green Hubbard, except in color, which is a bright, deep orange yellow, very showy and attractive. Flesh deep golden yellow, much richer in color than Hubbard, fine-grained, cooks very dry and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the green variety. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.



WARTED HUBBARD

Early White Bush Scallop

The White "Pattypan" or "Cympling," as it is called in the South. A very early and continuous bearer. Ships well. Color light cream. A first class variety for home and market growers. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Early White Bush

Squash Mixture

One sowing will produce squashes for the season. This mixture contains a great variety of Summer and Winter sorts, just suited for growing for exhibition or table use. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Giant Summer Crookneck

The largest and earliest of the crookneck squashes, often 1½ to 2 feet long. Of dwarf, bushy habit; very productive; bears early and continues through the summer; rich golden yellow color, thickly warted and of excellent quality. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Summer Crookneck

Of a dwarf, bushy habit and very productive; bears early and all Summer; true Crookneck type; rich golden yellow color; thickly warted. Its cooking qualities are unexcelled. One of the best varieties for the market or table use. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. For poultry it is the best egg producing food known. It can be raised cheaper than corn, and is destined to be an article of great value. Every farmer should plant some seed in any waste piece of ground any time from early spring to the middle of July. Three pounds of seed will plant one acre. Postpaid, Pkt., 10c; lb., 25c; 3 lbs., 70c. By express or freight, lb., 20c; 5 lbs., 90c; larger quantities 16c per pound.

Quality Tomatoes

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house in rows 4 to 6 inches apart and half an inch deep. When the plants are about 2 inches high transplant to 3-inch pots or into shallow boxes 4 inches apart each way. Transplant in the open ground after all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. One ounce of seed will produce about 2,000 plants. Four ounces enough for one acre.

Livingston Globe

The Finest Early Purple Tomato in Existence—Livingston's Globe Tomato is an extra good all-round sort of a distinct globe shape. It continues bearing desirable sized fruits until frost. Fruit is produced in clusters of three to five specimens. The plants are close jointed each bearing a large number of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm solid, thick flesh with large meaty center. Quality is the best. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$4.00.

Bonnie Best

Bonnie Best is early—a vigorous grower, enormously prolific, with splendid foliage which protects the fruits from the hot sun. The color is an intense velvety glowing scarlet; ripens evenly up to the stem. It is round, slightly flattened at stem end, but thicker through than most tomatoes. Its greatest characteristic is its remarkable uniformity of size and smoothness; no rough fruits. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.00; lb., \$3.50.

June Pink

Ripens early. Is an enormous bearer, clusters of six to ten fruits being borne frequently. The fruit is of medium size, uniform, smooth and attractively shaped. It will average 2¾ to 3 inches in diameter and 2 to 2½ inches in depth. In color it is a bright pleasing pink and in markets where a pink Tomato is desired will bring more in price than any red variety. Postpaid Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75.

Early Detroit

A splendid variety of recent introduction and is one of the largest and best of the purplish pink sorts. The vine is vigorous and very productive. The handsome fruit is smooth, uniform in size, nearly globe shape, firm and of excellent quality. It is free from cracking and tendency to blight. A desirable sort where a large pink tomato is wanted. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$4.00.

Dwarf Stone

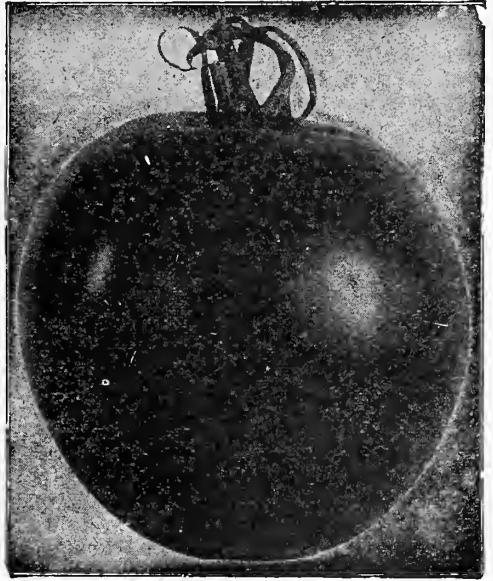
The Largest Dwarf Tomato in existence, it resembles "Dwarf Champion" in habit, but is of stronger growth and more erect. The fruit is red, in shape and size similar to "Tall Stone." The season is nearly as early as "Dwarf Champion," but the fruits are twice the size of that sort. Postpaid, Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.

Spark's Earliana

Coming into the market early it commands top prices. It produces an abundance of remarkably solid fruit of uniform shape and rich, bright red color. The Tomatoes are borne in clusters and can generally all be gathered in about three weeks from the time the first fruit ripens. They are of good flavor and contain few seeds. Postpaid, Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.

Dwarf Champion

This famous Tomato is a favorite home garden variety. Its stiff, upright stocks are so sturdy as to hold the fruit well above the soil. It is earlier than large sorts. Postpaid, Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75.



LIVINGSTON'S GLOBE.

John Baer

An early variety producing beautiful, large, bright red, solid tomatoes early in the season. John Baer produces beautiful, solid shipping tomatoes which ripen early right up to the stem and is an enormous cropper, and when dead ripe, will not burst. The color is a glistening bright red, and it has a mild, deliciously sweet flavor. It is solid and meaty and has just enough foliage. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75.

Genuine Stone

The Greatest Canning Tomato in the World. The largest bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety in existence.

Dealers and planters everywhere recognize the merit of the Stone. More Stone Tomatoes are grown every year than any other half dozen varieties taken together. Postpaid, Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

SPECIAL!

Three packets 25 Cents; Seven packets for 50 Cents.

We will send postpaid, three packets for 25 cents or seven packets for 50 cents, your selection of any variety of Tomatoes listed in our Catalogue at 10 cents per packet.

CORELESS

Everyone requiring a large bright red, globe-shaped tomato, will be pleased with the Coreless. It is almost round, the depression at the stem being almost eliminated. It is immensely productive, clusters of 4 to 7 fruits are produced 6 to 8 inches apart along the stem. All the fruits are of good size, many of them large—12 to 15 ounces—and all free of core. It makes a fine slicing tomato, the bright red, meaty slices presenting a most attractive dish. Solid and very firm, rendering it fine for long distance shipping. Ripens all over and right up to the stem at the same time. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$4.00.

PONDEROSA

Our Seed is Genuine True Stock

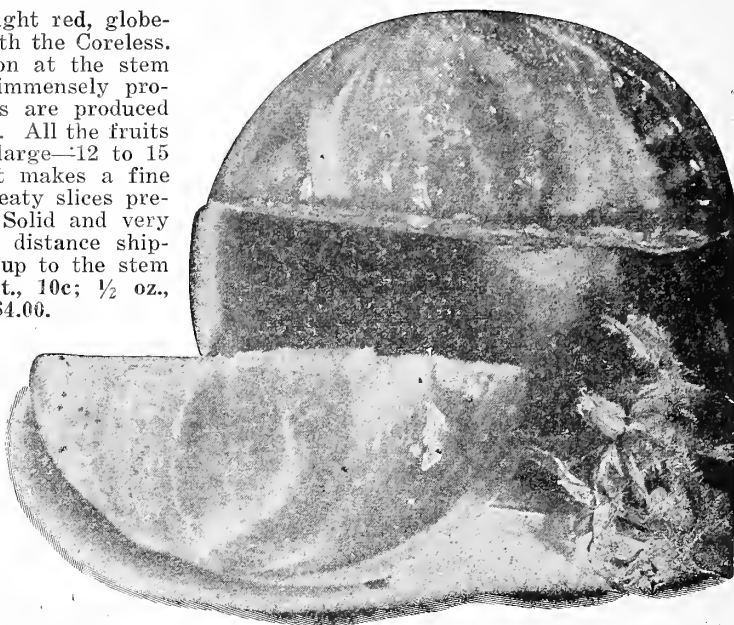
This is the largest and one of the most popular of all tomatoes and is of fine quality for slicing. The vines are of strong growth; fruits oblong in form and generally ridged or ribbed; deep purple in color. They are solidly fleshy with small seed cells; of fine flavor. Planted in good soil fruits frequently attain a weight of one pound or more. Postpaid, Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

Beef Steak

A variety of very decided merit, producing beautiful fruits of the finest quality, handsome appearance and large size. Vines are strong and vigorous, with abundant foliage; fruits smooth, unusually meaty and ripens evenly throughout. Makes uniformly large-sized tomatoes of handsome color and great solidity. It is very well adapted both for private use and for market, while its unusual solidity of flesh makes it a particularly desirable sort for canners. Postpaid, Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25; lb., \$4.25.

Livingston's Beauty

Special Extra High-Grade Quality Seed. Our Special strain seed of this variety cannot be excelled. Of a very glowing crimson in color with a tinge of purple. It attains its size later in the season than some other good sorts. In shape it is perfectly spherical. It has a thick skin and hence is not as liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than the average kinds and is less inclined to rot. Postpaid, Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.25.

**CORELESS.****Golden Queen.**

"Queen of all the Yellows." Of superior flavor it is solid, always smooth, entirely free from ridges, large in size, ripens early. Fine for slicing. Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.00; lb., \$3.50.

Small Fruited Tomatoes

Pear-shaped Red. Used for preserves and to make "Tomato-figs." Fruit bright red, distinctly pear-shaped, and with a peculiar flavor.

Pear-shaped Yellow. Similar to Pear-shaped Red, except in color.

Yellow Plum. Fruit plum-shaped, deep yellow color; flesh yellow and good; esteemed for preserves.

Red Plum. Similar to the Plum-shaped yellow except in color.

Price of all preserving tomatoes, Postpaid, Pkt., 10c; ½ oz., 25c; oz., 45c.

SPINACH

For early use, plant the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather, cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 100 feet of drill; 10 to 12 lbs., for an acre.

Bloomsdale

Highly popular with market gardeners. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Long Standing

Of flat spreading, but compact growth, this sort is especially noticeable for its short stemmed dark green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. stands longer before going to seed than any other sorts of our list. Postpaid, Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**LONG STANDING**

Turnips and Ruta Baga

Spring sowing should be made as early as possible, so that the turnips may make their size before hot weather, otherwise they will become tough and bitter.

For the regular crop, sow the early kinds in July and August, the later sorts during August. Sow either broadcast or in drills 2 feet apart, and when well up, thin out to prevent overcrowding. Rutabagas should be sown in July and earthed up as they grow.

One ounce sows 100 feet of drill; $\frac{1}{2}$ lb., sows one acre in drills; 1 lb., one acre broadcast.

New White Egg.

This is certainly one of the very choicest and finest varieties; comparatively new and producing beautiful egg shaped turnips, Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Extra Early Purple Top Milan

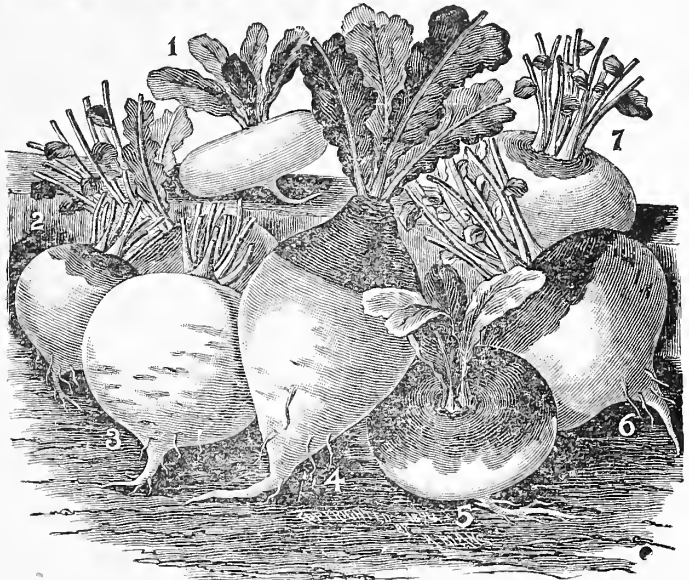
One of the earliest sorts in cultivation. Bulb very flat, medium size, quite smooth with a bright purple top; leaves few, short and light color grows compact and makes exceedingly small strap leaved top. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

Early White Flat Dutch.

Excellent early garden variety and very much used. The roots are of medium size, very flat and the color white. Very early, sweet and tender. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50

Red Top White Globe

One of the handsomest and most profitable turnips unsurpassed for either home or market use. It is a large rapid growing sort with globe shaped roots, purple at the top and white underneath. It is of the same character and habit as the Purple Top Flat but owing to its great size, will produce twice as much to the acre. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.



White Globe.

Immense white globe shaped roots in rich ground, frequently attain the weight of 12 lbs., Considering this size it matures early. A very good autumn variety for both table and stock. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

Purple Top Strap Leaf

A well known popular variety, either for family or market use; large size; white-purple above ground, flesh fine grained, grows quickly and is as good for winter use or late planting as it is early. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.45.

RUTA BAGA

American Yellow Purple Top

The most satisfactory variety for either family use or stock feeding. It is hardy, productive sweet, solid and of fine quality. It keeps perfectly all winter and into the following summer. Postpaid, Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50

Quality Tobacco Seed

CULTURE—A very clean piece of land is best for the tobacco plant beds, hence it is customary to burn a piece of land in the woods for same. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in $3\frac{1}{2}$ foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc.

Improved White Burley

Well-known sort of great merit. Our strain is grown on the famous limestone fields of Tennessee. Only the choicest plants are set in the seed plats, and special care and cultivation insures well matured seed of highest vitality. Careful handling, cleaning and curing of seeds as well as special attention to the crop throughout the season make this strain of seed unsurpassed. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25

Havana

Used for cigar purposes, although sometimes used as manufacturing sort. Has a very large, long, fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

Missouri Broad Leaf

A well-known standard sort; very large yield-er, an ideal sort for home use. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

Big Oronoco

A very large and heavy variety for fillers and strips. Makes a wide, long leaf of dark color, best adapted to rich alluvial and red-clay soils. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25

Connecticut Seed Leaf

Our seed is Connecticut grown; a stocky plant; leaves not very long, but a good width; suitable for cigar fillers. Grown all over the United States. Postpaid, Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

Red River Valley Minnesota Grown Seed Potatoes

SEED POTATOES—Grown in the famous Red River country of the north, are ahead of all others for quick early maturity, vigorous and great productiveness. There is no other place that can compare with the Red River country in producing the finest seed potatoes. Seed grown there always produces a vigorous growth, early maturity and large smooth tubers. Our entire stock is grown in this famous River country, and you can depend on a sure crop if you buy your seed from us.

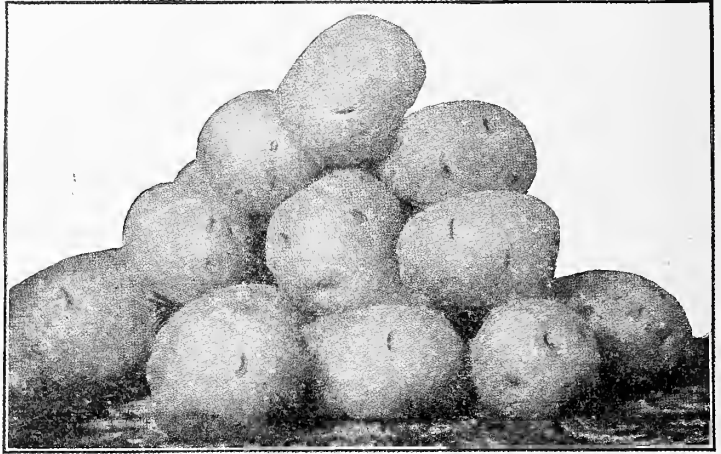
RENEW YOUR SEED AND REALIZE EARLY MATURITY AND PRODUCTIVENESS

Prices on Potatoes frequently change as the market advances or declines. If you are wanting a large quantity please write us for special quotations.

Irish Cobbler

Superior Both in quality and Productiveness

One of the most reliable first-early Potatoes ever sent out. It ripens almost with the Early Ohio and is so uniform that every hill seems to ripen at one time. The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of the finest quality—not exceeded by any other variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Extra-Early Cobbler right to the front as a profitable variety for market or home use. Postpaid, 1 lb., 20c; 3 lbs., 50c. By Freight or express, Pk., 65c; Bu., \$2.25; 5 Bu., \$10.50.



IRISH COBBLER

Early Ohio

Our Early Ohio Seed Potatoes are true to name free from scab and first-class in every way.

The popularity of this variety to plant for an early and profitable crop is increasing every year. The particular advantage of this over other early kinds is that it averages larger, making more large-sized potatoes, and is of decided superiority in table qualities, and truckers or gardeners who want to build up a name for superior quality should plant this variety. The tubers average large in size, are oval, oblong and round at the seed end. It makes an excellent keeper and shipper, and is very productive. From our customers' experience we believe this variety best adapted for planting in loamy or stiff soils. By freight or express, Pk., 50c; Bu., \$1.75; 5 Bu., \$8.25. Postpaid, lb., 20c; 3 lbs., 50c.

Rural New Yorker

They have a great record as a drought resister and most years they beat them all. A fine keeper and from January until new potatoes come, it is of an excellent quality. It is of the smoothest, shallow eyed and pretty shaped potatoes grown. They are great yielders and the main crop of the late varieties. This is a variety that will please you; with its big, sure yield, and above all, its most excellent quality. By freight or express, Pk., 50c; Bu., \$1.65; 5 Bu., \$8.00.

Extra Early Triumph

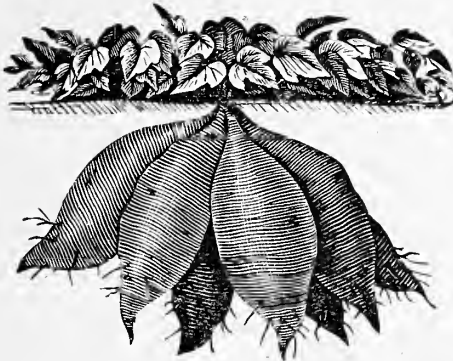
There is good reason why the Triumph should be popular. It is from seven to ten days earlier than the Ohio and that oftentimes means a difference of many dollars in the crop. The potato is of good size, squared at ends. Skin is red, flesh is very white and firm. Very productive. The Extra Early Triumph has become the most popular Extra Early Potato. Postpaid, lb., 20c; 3 lbs., 50c. By Freight or express, Pk., 60c; Bu., \$2.00; 5 Bu., \$9.50.

Burbank

The Burbank has a light, cream-white color, its shape is oblong and slightly flattened. The eyes are very shallow. The size is large and desirable, very few being under marketable size. Always smooth and regular in form; grows strong and vigorous from the very sprout. Is also a great drought resister. As near blight and scab proof as any variety we have ever known. The flesh is very white and whether boiled or baked it is of the same delicious tasty quality. The Burbank is a main crop variety. By freight or express, Pk., 50c; Bu., \$1.65; 5 Bu., \$8.00.

Seed Sweet Potatoes and Plants

Order early. Choice Seed Sweet Potatoes will be very scarce again this season. Better let us have your order early, and we will hold and send you the stock just as early as the season will permit, or at any rate in plenty of time for bedding.



Early Golden

An early variety of especial merit. Skin light yellow. Flesh whitish yellow, and very solid. Because of its earliness a fine market variety. Postpaid, lb., 15c; 2 lbs., 25c. Write for prices in quantity.

Yellow Nansemond

One of the best known of the yellow varieties. Very good flavor. Postpaid, lb., 10c; 3 lbs., 25c. Write for prices in quantity.

Southern Queen

A large white potato of good flavor and a good yielder. Postpaid, lb., 15c; 2 lbs., 25c. Write for prices in quantity.

BIG STEM JERSEY

The Quality Yellow Sweet Potato

The color outside is Old Gold and is very attractive. Inside very rich yellow. The table quality is unsurpassed. In appearance unexcelled; all seeming to shape up well.

Their color is the richest yet; their table qualities second to none; their keeping qualities are among the best. Will grow more potatoes on poor land, with less fertilizer than any other variety we have ever seen. They sell readily in any market. We have sold this variety a number of seasons and will say that we know of nothing better in Sweet Potatoes. Postpaid, lb., 15; 2 lbs., 25c. Write for prices in quantity.

Nancy Hall

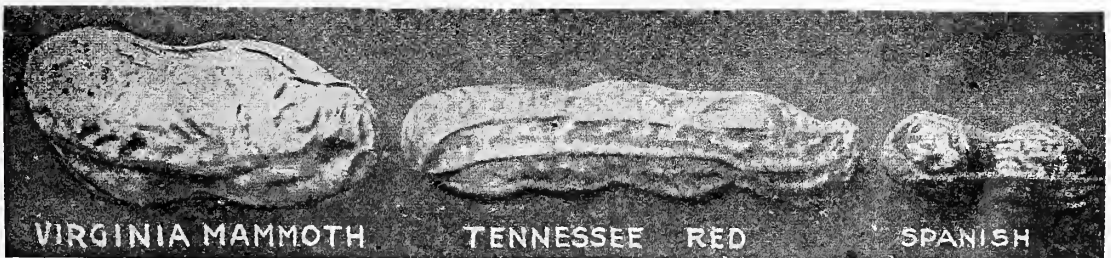
Probably no other variety of Sweet Potato has become as popular in so short a time as the Nancy Hall. Its popularity is due to several reasons, chief of which is its great yield, fine flavor and certainty of always making a crop. Nancy Hall, has a creamy pink skin, while the flesh is cream yellow, very sweet and firm. We recommend this variety in the fullest term. Postpaid lb., 15c; 2 lbs., 25c. Write for prices in quantity.

Red Bermuda

This is the old standby as an early, quick maturing variety. The outside color is pinkish red while the meat is creamy yellow. Postpaid, lb., 15c; 2 lbs., for 25c.

Sweet Potato Plants

We can supply in season, Plants of all the Varieties listed above. Our Plants will be well grown, strong and will please you. Let us have have your orders early. Please write for prices.



SEED PEANUTS

Plant six to eight quarts of shelled nuts to the acre. The peanut does best in light, sandy soil. They should be planted in April, in rows three and a half feet apart and two feet apart in the row. Drop two or three good peas in each hill, cover about two inches.

Tennessee Red

The finest variety grown, especially adapted to black waxy land, as well as sandy soil. The nuts contain from two to four large kernels each and are enormously productive. Vines grow upright in bush form and are very desirable for hay. Postpaid, Pkt., 15c; 1 lb., 35c; 3 lbs., \$1.00. By express or freight, lb., 30c; 5 lbs., \$1.25; Bu., (30 lbs.) \$6.50.

Jumbo or Virginia Mammoth

This variety grows to an astonishing size and does extremely well in our State. The plants make compact bushes about 18 inches high, with heavy erect stalks and large leaves. The giant nuts have thick, heavily ribbed shells. Postpaid, Pkt., 15c; lb., 35c; 3 lbs., \$1.00. By express or freight, lb., 30c; 5 lbs., \$1.35; Bu. (22 lbs.) \$5.00.

Spanish

The Spanish Peanuts are early to mature and very productive. In harvesting, the nuts hang to the vine and tops and nuts are fed together to hogs, cows and horses as a whole grain ration. While the nuts are smaller they are very much sweeter than the larger sorts. Postpaid, Pkt., 10c; lb., 25c; 3 lbs., 70c. by express or freight, lb., 20c; 5 lbs., 90c; Bu., (30 lbs.) \$5.00.

Tuckers' Quality Seed Corn

Our Seed Corn is all Central and Southern Missouri grown. We do not handle Northern grown Seed Corn of any variety.

Repeated tests have shown conclusively that it takes two years to acclimate corn from Iowa and the northern states, before it will produce normally in this section.

Don't be misled by the extravagant claims made by a great many of the Iowa and Northern Seed Houses that their seed corn will make great yields in this section the first season.. A great many of our farmers have tried the experiment to their sorrow and financial loss.

Our Seed Corn Guarantee

We guarantee each variety of our seed corn to be exactly as represented, and if on arrival and examination you are not perfectly satisfied just ship it back and we will gladly refund your money and pay freight charges both ways.

Quality Seed Corn is one of our specialties, and we take much pride in the numerous testimonials we have received from our many customers, praising the fine seed we have sent them, and the increased yields they have made by planting our seed.

The varieties of seed corn we offer are selected with the greatest care, and you will find them true to name, the seed nubbed tipped, graded, tested for germination, and sure to please you.

Send your orders early, whether you only want a pound for trial, or enough for your whole planting. We will see that the seed reaches you promptly.

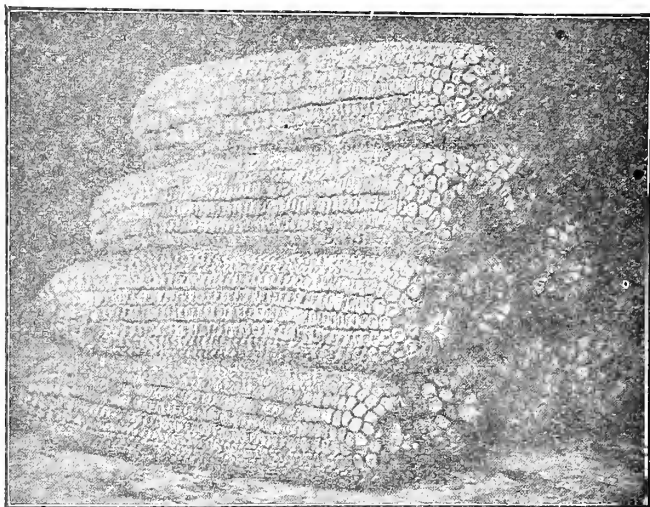
TUCKERS' JUMBO

A Grand, Large Eared, Deep Grained Yellow Corn

Tuckers' Jumbo combines all of the good points found in other large eared varieties as well as special points of its own, such as extremely deep kernels, strong rugged stalks, very profuse, wide blades, making it one of the best ensilage, as well as a fine large yielding feeding variety.

Large ears having 18 to 20 rows of grains. Length from 9 to 11 inches. Very deep grains.. Color yellow. Kernels dented and rows run very even on the cob. Matures in 110 days. This corn as a whole, is indicative of its name and will certainly surprise you by the depth of its large kernels, the amount of shelled corn from a bushel of ears, and its yield per acre.

If you want the best big eared corn grown with large heavy deep grains, a yellow corn that is strictly right, plant Jumbo. Postpaid, Pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight lb., 15c; Pk., \$1.00; Bu., \$3.75. Larger quantities \$3.65 per bushel.

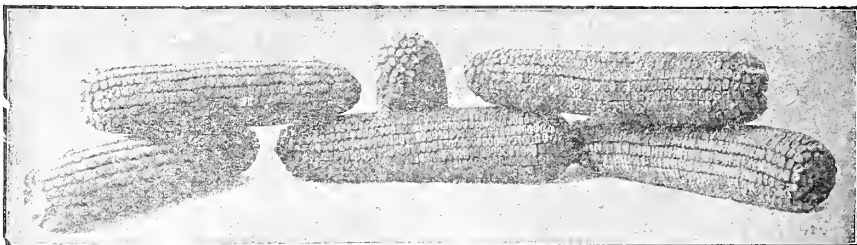


TUCKERS' JUMBO

REID'S YELLOW DENT

Reid's Yellow Dent

has been bred up and selected with painstaking care to what is at the present one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform and of bright yellow color, with solid deep grain and small red cob. Has from 18 to



REID'S YELLOW DENT

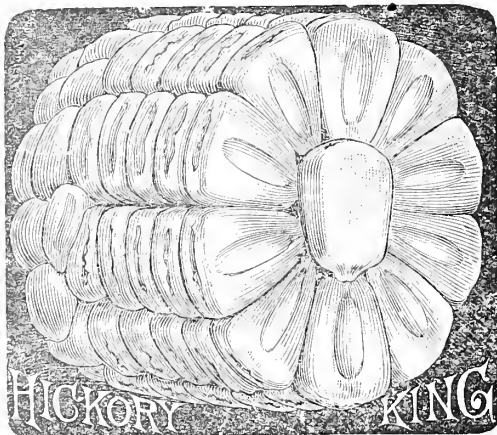
24 rows of kernels on the cob. 50 to 60 grains in the row, and fills well over the ends, especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test. Reid's yellow Dent Corn has won more blue ribbons at the large corn shows, than any other variety. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, lb., 10c; pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.

GOLDEN BEAUTY

The ears are of perfect shape, with from 12 to 14 straight rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect as perfect a type as could possibly be had. Golden Beauty matures in 100 to 110 days from planting and surpasses all in size and beauty of grain. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, lb., 10c; pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.

HICKORY KING

This white field corn has the largest grains, with the smallest cob of any white corn, so large are the grains and so small the cob that on an ear broken in half a single grain will almost completely cover the cob section. Of strong growth, the stalks take a firm hold in the ground and stand upright. It yields splendid crops on light soil. Frequently grows with two ears to the stalk. Postpaid, Pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, lb., 15c; pk., \$1.25; bu., \$4.50.



ST. CHARLES WHITE

The St. Charles White is a pure variety of white corn set on a red cob, and this corn appears to make a finer and better grade for milling purposes and for corn meal than almost any other sort. The ears are usually eight to ten inches long, 16 to 18 rows of deep broad kernels being rounding. The stalks grow from 7 to 8 feet high and having broad succulent blades, thus making it very desirable for grain, fodder or for ensilage purposes. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, lb., 10c; pk., \$1.00; bu., \$3.75. Larger quantities at \$3.65 per bushel.

BOONE COUNTY WHITE

A very large, fat, heavy ear, tapering only slightly from butt to tip, rounding off nicely within an inch of the top; eighteen to twenty-four rows of about fifty kernels each, carried out to the full length of the ear. Tips and butts that are exceptionally well filled out, so little waste space is there between the kernels that the entire surface of the cob is completely covered with practically a solid layer of grains one-half to three-fourths of an inch deep.

White cob of only medium size, which together with the depth of grains, gives it a remarkably high selling percentage. Kernels that are of ideal shape, creamy white color, moderately rough with large germ. A very strong vigorous stalk eight to ten feet high. Matures in about 110 days. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, lb., 10c; Pk., \$1.00; bu., \$3.75. Larger quantities, \$3.65 per bushel.

IOWA SILVER MINE

The Pure, Genuine Silver Mine Corn

Silver Mine is one of the greatest yielding of all the white varieties. It is extremely hardy, of strong vitality and does better on old, poor or hill land than any other variety. Early to mature, a big yielder and unexcelled for feeding, ensilage or fodder purposes. It is adapted to a wide range of conditions and a great success in the north, south, east and west. It makes good where others fail and brings satisfaction to the farmer who plants it.

DESCRIPTION—Stalk medium in height, ranging from 7 to 10 feet, (dependent on the land, or hill or bottom) very leafy broad blades; type of corn even and uniform; ears running from 9 to 12 inches in length; 16 to 20 rows pure white kernels solidly set on a medium small cob. Matures in from 90 to 100 days in good corn weather. Postpaid, Pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, lb., 10c; pk., \$1.00; bu., \$3.75. Larger quantities, \$3.65 per bushel.

NITRAGIN

For certain success with Alfalfa, Clover, Cow Peas, Soy Beans, Vetch, Field Peas and Beans, Garden Peas and Beans, and all other legumes, treat your seed with NITRAGIN.

"Nitragin" is the trade-mark name for the special germ, or bacteria, that acts on the legume root, draws nitrogen from the air and converts it into plant food. As a result there is a uniform "catch", the crop grows quickly; it is strong and healthy—deep rooted—rich in food value. Meanwhile your soil is growing richer—your land more valuable. Failure with legumes is usually due to lack of bacteria. In "Nitragin" Pure Culture we send you billions of these necessary nitrogen-gathering germs, packed in proper food to keep them alive, active and healthy.

It's easy to treat your seed with "Nitragin" Pure Culture. A boy can do it in ten minutes.

The Pure Culture system of inoculating legumes is endorsed by U. S. Government authorities, by state experiment stations, practical farmers and other agricultural experts. These men have accomplished wonders with inoculated legumes. You can do the same on your farm by using "Nitragin" Pure Culture. There is a special strain for each legume. In ordering be sure to name the crop desired. Postpaid, Garden size, 35c; ½ acre size 55c; acre size, \$1.05; 2 acre size \$2.00; 5 acre size, \$4.25. Order "Nitragin" Pure Culture with your seed.

Tuckers' Quality Grade Clover Seed

Our Quality Grade Clover and Grass Seeds represent the very highest grade seed that it is possible to buy.

We pride ourselves in keeping this High Grade Quality up to the top notch, in plumpness of the seed, trueness to name, high germination, and Purity from all obnoxious weed seeds.

Prices of Clover seed look rather high this season, compared to previous years, but considering the short crop, and the prices of grain and fertilizers, they are reasonable. The sowing of Clover seed is absolutely essential to a proper rotation of crops and to keep up the fertility of the land. The high prices of live stock is an additional incentive to sow plenty of grasses and clovers in order to supply necessary feed and pasturage for all kinds of live stock.

Prices on all Clovers and Grass Seeds fluctuate with market conditions to such an extent it is impossible to set a price on any variety that will hold good for an entire season. We will gladly quote firm prices at any time you are interested.

If you are in a hurry for the seed send in your order, and if the price of the variety or varieties you want is lower than catalogue price, we'll gladly put enough extra seed to give you full value for your money. If price is some higher, we will ship full value for every cent you send. Please remember that our prices include the sacks free.

RED CLOVER

Red Clover will yield crops two or three years from one seeding, and on good land will yield two cuttings per year. The first crop makes rich feed, and is the most valuable for hay. The second crop does not make so good a quality of feed. Red Clover should be cut for hay when in full bloom. For hay it is particularly well adapted for sowing with Orchard Grass, as it ripens at the same time, and sowing these two grasses together will give larger yields and of better quality hay than sowing either alone.

One-half bushel of Orchard Grass, and six pounds of clover will give excellent results, and if it is desired to use the land for pasturage also, the addition of six pounds Red Top will increase the pasturage and the second cutting of hay considerably. When sown by itself, sow 10 to 12 lbs. per acre, either in the fall or spring. Quality Grade, Postpaid, lb., 60c; 3 lbs., \$1.70. By express or freight, 10 lbs., \$5.00; Bu., (60 lbs.) \$28.00.

ALSIKE CLOVER

Costs Less to Seed Per Acre Than Other Clovers

Alsike Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also hardier, resisting extremes of heat and drought and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands, as well as stiff bottom lands. The good qualities of Alsike are being appreciated everywhere. It is surer to give a good stand and make good crops than either the Red or Mammoth Clover, and in sections where these clovers have been uncertain, Alsike is superceding them almost altogether.

The seed of Alsike Clover being much smaller than the Red or the Mammoth Clover, does not have to be sown as thickly, and consequently it costs less to seed an acre than of either the Red or Mammoth clover. The quantity of seed per acre when sown alone is 6 to 8 lbs. When sown in mixture with Red Clover, which is very desirable wherever Red Clover is sown, sow 3 lbs. Alsike and 7 lbs. Red Clover per acre. Quality Grade, postpaid, lb., 50c; 3 lbs., \$1.40. By express or freight, 10 lbs., \$4.25; Bu., (60 lbs.) \$24.00.

WHITE CLOVER

A small headed white species exceedingly desirable for mixing with lawn grass seeds. Although it is not a heavy producer it is of great value for use in permanent pastures, as it affords a most nutritious food for sheep and cattle. This variety will succeed in almost any soil. About six pounds are sown to the acre. Quality Grade, postpaid, lb., 75c; 3 lbs., \$2.00. By express or freight, lb., 65c; larger quantities at 60c per pound.

Mammoth, or Sapling Clover

This is similar to Red Clover, both in the appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy or Red Top, as it matures about the same time as these grasses. Sow ten to twelve pounds per acre by itself or with Timothy. Six pounds of clover and six pounds of Timothy will give a liberal seeding. The addition of five pounds Red Top per acre will increase the crop of hay and add considerably to the grazing value. Quality Grade, postpaid, lb., 60c; 3 lbs., \$1.70. By express or freight, 10 lbs., \$5.10; Bu., (60 lbs.) \$29.00.

SWEET CLOVER OR BOKHARA

White Blossom Variety

Sweet Clover is valuable because of its ability to grow and thrive on the poorest and most barren places. It will not only thrive on soils that are too poor for any other crop, but will improve the soil it is growing on. It makes good hay and good pasture. It resembles Alsike Clover in that it can grow on moist soils. Its ability to improve the soil, together with its ability to thrive on very poor soil, makes it especially valuable as a pioneer crop on poor, run down, badly washed fields. "Sweet Clover hay has much the same feeding value as Alfalfa, and more than that of Red Clover. Animals show a marked fondness for the hay after becoming accustomed to it (which by the way is usually a matter of education). Its ability to improve soils lies not only in gathering nitrogen from the air and storing it in the earth where grown, as do other legumes, but also in its uncommonly large roots penetrating to considerable depth, perforating and sub-dividing the subsoil. Decaying they contribute humus and the innumerable openings they cause admit air, light and moisture. Used for green manuring, its value as a soil improver is still greater. Those who have had experience with it are praiseful of Sweet Clover for pasture and hay. It provides early and late grazing about equal to Alfalfa and Red Clover, but without their tendency to bloat. In the second year after planting it is ready to graze upon as early as mid-April, and may be used the first year until killing frost." The seed can be sown either in the fall or spring and about 20 lbs., of seed is required per acre. Hulled Seed. Quality Grade, postpaid, pkt., 10c; lb., 45c; 3 lbs., \$1.35. By express or freight, lb., 35c; 10 lbs., \$3.00; Bu., (60 lbs.) \$16.50.

ALFALFA, THE PROFITABLE HAY CROP

Yields Three to Four Cuttings a Year

After Alfalfa is once established it lasts for years, yielding three or four cutting per season, of most excellent and nutritious hay. Alfalfa will do well on any good loam soil, but the land must be well and thoroughly prepared. A heavy application of lime is of decided benefit, the most successful raisers of Alfalfa using as much as 2,000 to 5,000 pounds per acre. It is also preferable to sow Alfalfa on land that has a porous or gravelly sub-soil that the roots can penetrate. Alfalfa is a deep-rooting plant, and will give best results on soils of this character.

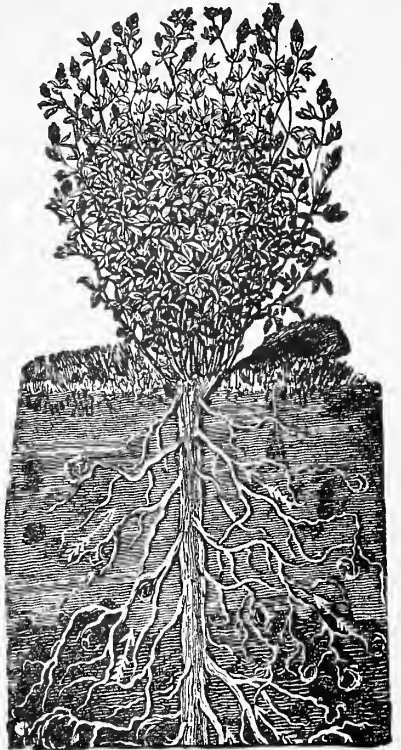
BEST TIME AND METHODS FOR SEEDING

Alfalfa can be sown either in the spring or fall. Spring seeding should be done during April, while fall seeding is generally done from the first to the fifteenth of September.

A satisfactory stand secured from spring seeding will furnish one or two good cuttings the first year, and full cuttings following years. Alfalfa should always be cut before coming into full bloom, and from seed sown either in the fall or spring the first cutting should be made even before it reaches this stage of development. Cutting thickens Alfalfa, provided it is done before the plant attains its full growth, and it not only makes a better quality hay, but causes it to stool out better thus thickening the root growth and improving the stooling-out properties.

The seed is usually sown broadcast, at the rate of 15 to 20 lbs. to the acre. When sown in the fall, August and September are the best months for seeding. A firm seed bed is of first importance.

Considering quality, you will find our Quality Grade Seed to be as cheap in price as it is possible to procure the highest grade native grown seed. Postpaid, lb., 35c; 3 lbs., for \$1.00. By express or freight, lb., 50c; 10 lbs., \$2.45; bu., \$13.75.



TUCKERS' QUALITY GRADE GRASS SEEDS

Especially Selected for their Purity, Plumpness and High Germination.

NOTICE—Prices on Grass and Clover Seeds are changing daily. AND WE CAN ONLY GIVE PRICES SUBJECT TO FLUCTUATIONS. No charge for bags at prices quoted below; do not forget this important item when comparing our prices with others.

ORCHARD GRASS

Orchard Grass is a very vigorous grower. It is succulent and nutritious, and when mowed requires only a few days of seasonable weather to start it growing again. Orchard Grass is excellent as a pasture grass, and succeeds in shady situation, such as orchard, park, etc., better than most other grasses. It does best, however, on loamy uplands or moderately stiff soils, although it will succeed very well even on soils that are inclined to be of a sandy texture. It matures early, and is excellently adapted for sowing with Red Clover, and this mixture is very highly recommended. Orchard Grass can be sown either in the spring or fall, although it is best sown in the spring. Sow at the rate of 1 to 1½ bushels per acre. Quality Grade, postpaid, lb., 45c; 3 lbs., \$1.10. By express or freight, bu., (14 lbs.) \$4.40; 100 lbs., \$31.00.

TIMOTHY

There is scarcely a variety of natural or tame grass that is so generally cultivated as this. It is suited to moist, rich land, where it grows to perfection and yields under favorable circumstances large crops of hay, it makes a most splendid nutritious hay. Not so good for pasture as its growth is not thrifty and close pasturing is injurious to it. Quality Grade, Postpaid, lb., 25c. By express or freight, bu., \$6.00; 100 lbs., \$12.50.

MEADOW FESCUE OR ENGLISH BLUE GRASS

Adapts itself to different conditions of soil and climate and does well all over the United States and Canada. It gives a large amount of early and late feed of good quality, and yields from one to two tons of hay per acre, which is of fine quality and very nutritious. As a pasture grass it is particularly valuable; as it is a persistent grower, and one of the earliest in spring and the latest in the fall. It rarely freezes out or winter-kills, and is very little affected by drouth. It grows well in loamy lands and clays, having fibrous roots running down eight to fifteen inches in the soil. Quality Grade, postpaid, lb., 35c; 3 lbs., \$1.00. By express or freight, lb., 25c; 10 lbs., \$2.15. Larger quantities at 18c per pound.

RED TOP

This grass is especially suited to low, wet, spouty lands; is in fact the only grass which is a real success on such soil. Into the wet soil it spreads its network of roots, tames the land and in a few years makes a deep substantial sod. Red Top is fast becoming recognized as one of our best pasture grasses, producing a great amount of fine pasture and withstanding a world of hard tramping. Red Top is also very fine for lawns. Quality Grade, Postpaid, lb., 35c; 3 lbs., 90c. By Express or freight, lb., 20c; 10 lbs., \$1.85; larger quantities at 16c per pound.

TUCKERS' "PERFECT" LAWN GRASS SEED

Absolutely the Best Lawn Grass Seed That Money can Buy

Contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. Our Perfect Lawn Grass seed germinates quickly, roots deeply. This enables it to readily withstand the intense heat of summer and the hard cold of winter, showing a beautiful, rich green from snow to snow. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy.



In seeding new lawns, use at the rate of one pound to 600 square feet. For renewing old lawns use about one-half the above quantity.

For a perfect and enduring lawn of closely interwoven, firm, elastic turf which will flourish under varied conditions of soil and climate and show a luxuriant, rich green thruout the year, plant Tuckers' Perfect Lawn Grass Seed. Postpaid, lb., 45c; 10 lbs., \$3.75. By express or freight, 50 lbs., \$17.50; 100 lbs., \$32.50.

KENTUCKY BLUE GRASS

The universal pasture grass of America and the finest lawn grass in the world is our own Kentucky Blue Grass. It starts like magic with the first smile of spring and is a velvet of green until winter comes again. It can be sown on the wild prairie and will catch but the best results are to be had by getting the seed well covered. The seed we offer is strictly high grade, new crop, clean and pure. Quality Grade. Postpaid, lb., 45c; 3 lbs., \$1.15. By express or freight 10 lbs., \$3.25; 100 lbs., \$28.00.

BERMUDA GRASS

The habit of this grass is to set root at each joint that touches the ground, thereby forming a complete sod. Is decidedly a summer grass, as it does not start off until ground is thoroughly warm in the spring, and turns to a buff color after killing frost in the fall. We believe this grass will help solve the pasture question during the hot dry summer months. Sow during May or June. Also valuable in some sections as a lawn grass. Sow 3 to 5 pounds to the acre. Postpaid, lb., 75c; 3 lbs., \$2.00. By express or freight, 10 lbs., \$5.00; 100 lbs., \$45.00.

TUCKERS' SPECIAL COMBINATION GRASS AND CLOVER MIXTURE

FOR BOTH HAY AND PERMANENT PASTURE

For use on reasonably rich, well drained soils, It affords enormous crops of hay of the finest quality and highest feeding value, and after same is cut continuous and abundant pasturage of the richest and most nutritious character until winter sets in. It will stand for years and may be used either for pasture exclusively or hay and pasture as varying conditions suggest.

We stake our reputation on this mixture, not only as to the purity and germination of the seeds used, but as to the satisfaction it will give to those who purchase.

Owing to the deep rooting and spreading character of many of the varieties employed, fields sown with this mixture will, during periods of drought, look fresh and green while other meadows and pastures are dry and burned. Sow 16 to 20 lbs., to an acre. Postpaid, lb., 35c; 3 lbs., \$1.00. By express or freight, lb., 30c; 10 lbs., \$2.50; 100 lbs., \$22.00.

TUCKERS' SPECIAL ROUGH LAND PASTURE MIXTURE

This mixture is composed entirely of grasses and clovers that are especially adapted to rough, stony and brush lands. It will furnish an abundance of fine pasture from early spring until late fall, and open winters it will give you pasture allseason. The mixture contains seven different varieties of grass, each adapted to this kind of lands, and each variety is the very best grade of re-cleaned seed. Sow 15 to 20 lbs., to an acre. Postpaid, lb., 35c; 3 lbs., \$1.00. By express or freight, lb., 30c; 10 lbs., \$2.50; 100 lbs., \$21.00.

Timothy and Alsike Clover Mixture

A First Class Hay and Pasture Combination

One great advantage that is realized by a mixture of these grasses, is the fact that they are both perennials and make a better combination than most any other two. When you once get them established, they stay right with you, until you wish to break up the sod. They do not easily winter kill and are very hardy.

They blossom and the seed ripens together and are suited to the same soils. On low moist lands where other grasses would fail they do especially well. They do well on any land where common grasses and clovers grow.

The Alsike forms a thick bottom and greatly increases the amount of pasture or hay and stock prefer it to Timothy alone.

The Timothy acts as protector to the Alsike through the winter and it never winter kills. They are beneficial to each other in growth as the Alsike supplies the nitrogen to the soil, thus keeping it in proper condition for the best growth of Timothy. The yield is enormous and of the best quality of hay having the highest feeding value for stock of all kinds and splendid for work horses when pure Clover is objectionable. Sow 12 to 15 pounds per acre. Quality Grade, postpaid, lb., 30c; 3 lbs 75c. By express or freight, 10 lbs., \$2.00; 100 lbs., \$16.00.

Sudan Grass

THE GREAT DROUGHT RESISTING GRASS

Sudan Grass is very closely related to the cultivated sorghums and hybridizes with them readily. The fact that it has no rootstocks places it nearer the cultivated Sorghums than is Johnson grass, which for many years has been credited by some botanists with being the wild prototype of the sorghums.

Sudan grass when seeded broadcast or in drills averages about 3 to 5 feet in height and has stems a little smaller than a lead pencil, being about three-sixteenths of an inch in diameter. If grown in rows and cultivated it reaches a height of 6 to 9 feet, and the stems are larger, being about one-fourth of an inch in diameter. The leaves are broad and numerous, giving the grass a very great value as a hay plant. Sudan Grass is not all exacting in its soils requirements. It does best on a rich loam, but it has been grown successfully on almost every class of soil from heavy clay to light sand. Where the soil is quite sandy however, the yield may be expected to be light. To do well, the ground must be fairly well drained.

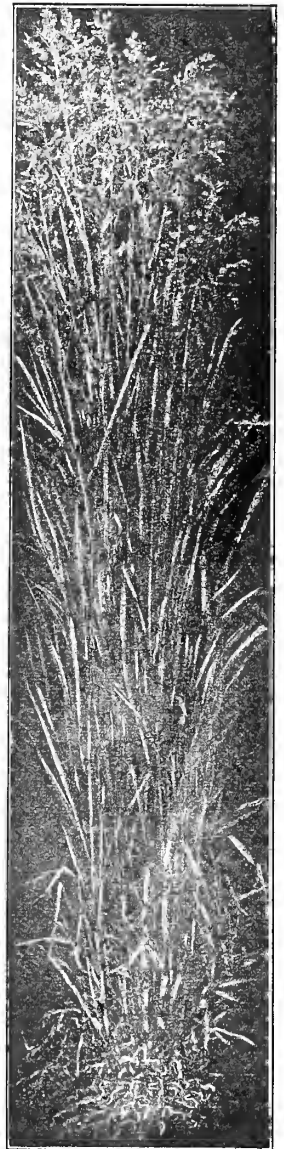
Sudan Grass requires a fine bed and seeding should be done after the soil has become warm, about corn-planting time or a little later. When sown in cold soil the result is usually a poor stand or slow growth for several weeks, so that in the end no advantage has accrued from the early seeding. In seeding broadcast or in rows with a wheat drill, about 20 pounds of seed are required for an acre. In planting for seed it is drilled in rows wide enough apart to allow of cultivation, using 2 to 4 pounds per acre. Sudan Grass stools wonderfully as many as 100 stalks from one seed have been found and this combined with the fact that 2 to 3 crops can be cut from one seeding in a season places this wonderful grass ahead of all others. The hay should be cut as soon as the grass is fully headed and early cutting are specially advised where more cuttings per season are expected. The grass can be cut with a mower the same as other grasses. Sudan Grass stools out thickly after the first cutting and makes a thicker growth for the second and third cutting than for the first cutting.

Sudan Grass is strictly an annual and must be seeded each spring. We urge our customers to try this new grass this season, and be convinced of its many excellent points of superiority. Our stock is absolutely pure and first class in every way. Postpaid, pkt., 10c; lb., 30c; 3 lbs., 80c. By express or freight, lb., 25c; 5 lbs., \$1.10. Larger quantities 18c per pound.

Dwarf Essex Rape

MAKES SPLENDID PASTURAGE FOR CATTLE, SHEEP, HOGS AND POULTRY

This crop is very highly recommended for pasturage for cattle, sheep and hogs, furnishing most rich and nutritious pasturage within six to eight weeks from the time of sowing. The fattening properties of Rape are said to be very much better than those of clover. It also makes splendid green feed for poultry. For spring sowing, sow as early as you can conveniently get it in, the earlier the better. Rape is best sown in drills, at the rate of 3 to 5 lbs., per acre or it can be sown broadcast, when 6 to 8 lbs., per acre should be used. Postpaid, lb., 30c; 3 lbs., 80c. By express or freight, lb., 20c; 10 lbs., \$1.65; 100 lbs., \$13.50.



Quality Farm Seeds

Prices Subject to Market Changes. Write for Special Prices on Large Quantities

Cow Peas

Extra Early Blackeye

These are ten days to two weeks earlier than the Large Blackeye, and a most valuable variety. They do not run as much as the Large Blackeye Pea, but grows more in bush shape and hold the peas up well off the ground, and the pods are very thickset on the vine. This variety is particularly valuable for truckers and market-gardeners who sow Blackeye Peas to sell green on the market, and is also a specially desirable variety for late planting, as well as for early market. Postpaid, Pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, write for prices.

Large Blackeye or Dixie

The Large Blackeye Peas are more prolific, better flavored, and bring a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant these than the ordinary Blackeye; they make a more profitable crop to grow for picking the dry peas for sale in our markets during the winter. Postpaid Pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, write for prices

New Era

An early maturing variety which has proved very popular and satisfactory. It is upright growing quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. The seed are smaller in size than the ordinary cow-pea, so that it does not require as many to seed an acre. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, write for prices.

Gallavant or Lady

The peas are small in size, of very fine flavor; superior in table qualities to the Blackeye Pea. It is very prolific and a desirable variety to grow. It is known in some sections as "The Lady Pea," Postpaid, pkt., 10c; lb., 30c; 3 lbs., 75c. By express or freight, write for prices.

Whippoorwill

A favorite, early variety, more largely used and sold than any other kind. Has brown speckled seeds, which are easily gathered. Makes a good growth of vine which can be easily cut and cured as dry forage. Postpaid, pkt., 10c; lb., 15c; 3 lbs., 40c. By express or freight, write for prices.

Canada Field Peas

Canada Field Peas, sown early with oats, usually make one of the largest yielding and most nutritious spring forage crops than can be put in; but they should be sown early in February or not later than the middle of March, for the best results. The earlier they are put in, the better. Under favorable circumstances, Canada Field Peas will yield more nutritious forage to the acre than any similar crop that can be seeded in the spring, and they make a complete food, feeding grain being unnecessary when horses and cattle are fed on oat-pea hay. Sow in February or early in March, at the rate of one bushel per acre, with one and a half bushels of rust proof or spring oats. Postpaid, Pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, write for prices.

Soja Beans

Any good corn soil will grow Soy Beans. The yield of beans is from 10 to 20 bushels per acre. In feeding value they are richer than linseed meal. When fed to milch cows, using three or four pounds per day, along with other feed, the milk yield will be greatly increased. When grown for the beans, they should be drilled in rows and cultivated like corn, using about one-fourth bushel of seed per acre. For hay they should be sown thickly, broadcast or in drills, at the rate of one bushel per acre. They should not be planted until after the ground has become warm after corn planting time.

Hollybrook Early Sojas

Makes a quicker growth and matures their crop two or three weeks earlier than the Mammoth Yellow Soja. It makes a large yield, both of forage and peas, and the added advantage of its earliness makes it a most distinct and valuable acquisition. It is a sure cropper and a vigorous quick-growing variety. Sown as a forage crop, it is much easier to cure and handle, and makes even a more nutritious crop than cow-peas. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, write for prices.

Early Mongol

This is an extra early variety, growing 30 to 36 inches tall; an extra heavy yielder of seed and foliage. The Beans are rather small, slightly oblong and yellow in color. As a sure cropper the Early Mongol is equal to any variety known. Postpaid, pkt., 10c; lb., 25c; 3 lbs., 60c. By express or freight, write for prices.

Mammoth Yellow

One of the largest known varieties of Soja Beans. Produces a world of foliage and beans. Grows to a height of four feet and bushes are covered from top to bottom with pods. Postpaid, pkt., 10c; lb., 20c; 3 lbs., 50c. By express or freight, write for prices.

Teosinte

Most Valuable and Enormous Yielding Continuous Cutting Forage Crop

We strongly recommend our customers who have not done so to sow this splendid forage crop. If sufficient quantity is sown, it will furnish a continuous daily supply of the most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously and being more nutritious and even better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. It produces a great number of shoots very thickly covered with leaves. It stools out enormously after being cut, as many as forty-five stalks having been grown from a single seed. Sow in May at the rate of 3 or 4 pounds per acre in drills $3\frac{1}{2}$ to 4 feet apart. Postpaid, oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c. By express or freight, lb., 70c. Larger quantities 60c per pound.



Japanese Buckwheat

The best sort for the West. It matures early, resists drouth better, and is more vigorous and hardy than the old sorts. The grains are almost again as large as the old sorts, and the yield is much larger. It should be sown about the first of July, broadcast, at the rate of one-half bushel per acre. This sort will yield on an average, 20 bu. per acre. It quickly gathers moisture when left standing in the field, and for this reason should be threshed as soon as dry. Unequaled as a plant for bees. Postpaid, lb., 25c; 3 lbs., 60c. By express or freight, pk., \$1.00; bushel, \$3.75.

Sand or Hairy Vetch

Also called Winter Vetch. This useful plant is noted for its extreme hardiness and is valuable for forage and fertilizing purposes. It is an annual, but drops its seeds freely, and will come up year after year on the same ground. The Department of Agriculture estimates the value of an acre of vetch plowed under equivalent to \$16 worth of commercial fertilizer. A sowing made in August or September covers the ground before winter, prevents washing during the winter and early spring. If sown in April will be ready to cut by middle of July, the second growth affording excellent hog pasture during the summer. The yield of forage varies from 10 to 15 tons per acre, equal to 3 or 4 tons when cured as dry hay. Sow in drills using 30 lbs., per acre. Postpaid, lb., 35c; 3 lbs., \$1.00. By freight or express, 10 lbs., \$2.75. Larger quantities at 25c per lb.

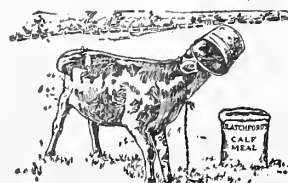
BLATCHFORD'S CALF MEAL

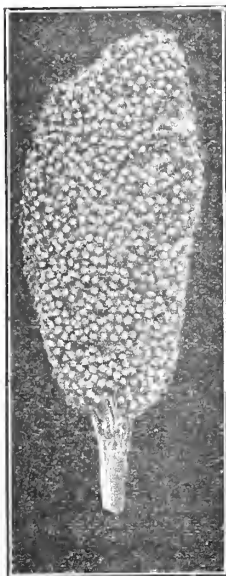
Here's the solution of your whole profit problem. Blatchford's Calf Meal (the perfect milk substitute) is so like the genuine whole milk—when properly made into gruel—that the calf doesn't know the difference; it's a real "babyfood" for calves (or any young stock, for that matter), and is not at all like the ordinary "feeds" and "meals" now on the market. It contains protein and butter fat in greater quantities than is usually found in whole milk and is thoroughly steam cooked. The calf will grow sturdy and robust and will not be troubled with "scouring." Just as soon as the mother cow's milk is ready to be sold, Mr. Calf is ready for Blatchford's Calf Meal. He will take to it just as naturally as he does to his mother's milk, and you'll find that he will "never miss a meal" when once you start him on this "perfect milk substitute."

It is not only nourishing but actually contains the necessary elements to reproduce the feeding value of the butter fats of whole milk, and is thoroughly steam cooked. 100 pounds of Blatchford's Calf Meal makes 100 gallons of rich milk substitute. Two tablespoonfuls in gruel form as directed is a full feed at the start.

BLATCHFORD'S FEEDING DIRECTIONS

Explicit feeding directions in every bag. A compliance with them will insure perfect results. By express or freight, 25 lb., bag \$1.75; 50 lb., bag, \$3.35; 100 lb., bag, \$6.50.





Feterita

The two best features about Feterita are its wonderful ability to resist drought and its earliness. It has proved its ability to stand dry weather without question.

Feterita branches out from the stem and one plant makes several heads. Chinch bugs do attack it, but prefer other crops. Even when the stalks are eaten off it stools out again and still makes a crop.

The grain of Feterita is similar to milo, but is pure white and also larger and softer. It does not shatter badly and yields up to fifty bushels per acre. Feterita is planted in rows like kaffir or milo, using from three to five pounds per acre and the crop is cultivated and harvested just like milo.

Feterita grows about five feet high on an average, and a crop of it growing, looks very much like a crop of kaffir. The heads grow up straight like kaffir and are a little larger around, but not quite so long. The grain is softer than kaffir or milo grain and is liked better by all kinds of stock. Feterita matures from 15 to 20 days earlier than kaffir and is therefore well adapted to countries with short seasons, or can be grown as a second crop where the seasons are long, after the wheat or oat crop. Feterita has the same food value for feeding all kinds of stock or poultry that kaffir or milo has. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c. By express or freight, lb., 15c; 5 lbs., 60c. Larger quantities 7c per pound.

RED KAFFIR CORN

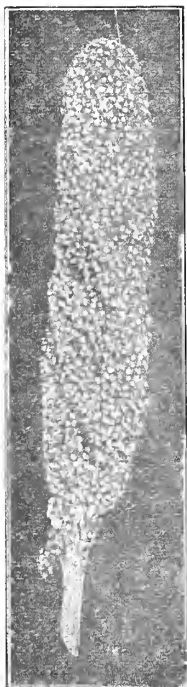
Grows taller than the white, stalks slender, juicy and very leafy. The seed is red, smaller than that of the white, and yields much heavier. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c. By express or freight, 5 lbs., 35c. Larger quantities 6c per lb.

Milo Maize

Milo Maize makes a thick growth of excellent forage which is very nutritious. The yield in grain is about equal to Kaffir Corn. Milo also makes excellent ensilage. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c. By express or freight, 5 lbs., 35c. Larger quantities, 6c per pound.

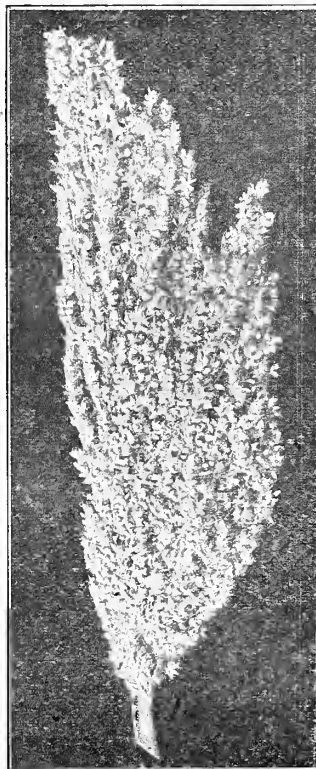
Kaffir Corn

Genuine Dwarf White Blackhull



Is the result of careful selection extending over a number of years, and which has produced a type of uniform dwarf growth. The plants range from 3½ to 5 feet in height, depending somewhat on quality and condition of the soil and weather conditions. The heads are uniformly larger and of better shape than the older types of White Kaffir.

We realize the importance of selling good qualities of Kaffir. Our Dwarf Blackhull White Kaffir will produce a crop in less number of days than the ordinary types of Kaffir which are now being grown. It will also produce a larger crop of grain which is especially desirable in many districts in the central and southwestern part of the United States. Postpaid, pkt. 10c; lb., 20c; 2 for 35c. By express or freight, lb., 15c; 5 lbs., 50c. Larger quantities 6c per pound.



Shallu

Egyptian Wheat

Belongs to the sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast it makes 4 to 8 tons to the acre. In drills, it yields 35 to 50 bushels of grain per acre. The grain is small and white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. The plant grows from 5 to 7 feet tall. Plant in drills 3 feet apart, using 3 to 4 pounds of seed per acre, or broadcast, using from 1½ to 2 bushels. Postpaid pkt., 10c; lb., 25c; 2 lbs., 40c. By express or freight, lb., 15c; 5 lbs., 55c. Larger quantities 10c per pound.

SORGHUMS

TEXAS RIBBON

Open Head Type

One of the very best varieties for Sorghum purposes. The stalks grow to a very large size, both in height and diameter. Ribbon cane has produced the greatest number of gallons of sorghum of any variety ever planted in this section, while the quality is the very best. We strongly recommend Ribbon cane as one of the very best. It also makes excellent forage, making big yields and is sweeter than any ordinary varieties of fodder cane. Postpaid, Pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. By express or freight, lb., 15c; 10 lbs., \$1.25. Larger quantities, 10c per lb.

SOLID HEAD RIBBON

The Solid Head Cane differs from the open head type in several ways. It is an earlier variety by probably ten days. Does not grow quite as tall, an average height of about seven feet. The head instead of being open or sprangly is solid or very compact. In our section this variety has made an especially heavy yield of extra fine molasses. We recommend it as one of the best. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. By freight or express, lb., 15c; 10 lbs., \$1.25. Larger quantities 10c per lb.

EARLY ORANGE

With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. Postpaid, lb., 20c; 5 lbs., 75c. By express or freight, lb., 10c; 10 lbs., 90c. Larger quantities, 7c per lb.

SUGAR DRIP

This variety not only makes large yields of syrup, but syrup of a decidedly superior quality to the ordinary variety of sorghum. It is not a difficult matter to make sorghum, and with a variety like Sugar Drip, we believe that the making of sorghum will become very general, not only for home use, but also for sale in our local markets. It is also exceedingly adapted for forage, making an excellent growth, and is more juicy and succulent than other kinds. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. By express or freight, lb., 15c; 10 lbs., \$1.25. Larger quantities, 10c per lb.

GRAY TOP

We consider the Gray Top variety of sugar cane as being one of the best. The stock of this variety averages from six to seven feet in height and very thick through, reasonably long jointed and containing great quantities of juice. The quality of the molasses can not be excelled. Sorghum makers who have used Gray Top the past few seasons are enthusiastic about its great yield and extra fine quality. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c; 5 lbs., 75c. By express or freight, lb., 15c; 10 lbs., \$1.25. Larger quantities at 10c per lb.

EARLY AMBER

The earliest type in cultivation. Black-hulled. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. Postpaid, lb., 20c; 5 lbs., 75c. By express or freight, lb., 10c; 10 lbs., 85c. Larger quantities, 6c per pound.

MILLETS

GOLDEN MILLET

Fancy Recleaned, Big Plump Seed

Is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds harden. Can be sown late after some early crop and if sown early, will mature in time for the ground to be plowed for wheat, and leaves the ground in fine shape for this purpose. For hay, sow from May to August 1st. For grain, not later than June 20th. Postpaid, lb., 20c; 5 lbs., 75c. By express or freight, 10 lbs., \$1.00. Larger quantities at 7c per lb.

PEARL OR CAT-TAIL MILLET (Pencillaria)

Makes a most nutritious and valuable forage plant. Grows 5 to 7 feet high. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock. It can also be cut two or three times during the season from one seeding. Sow five pounds of seed per acre in drills three feet apart. Pearl, or Cat-Tail Millet should not be planted before May. Postpaid, pkt., 10c; lb., 30c; 5 lbs., \$1.35. By express or freight, 10 lbs., \$2.50. Larger quantities at 23c per lb.

Broom Corn

Oklahoma Dwarf

Quite distinctive from all others in earliness. Of robust habit and extreme productiveness; brush long and well fibered and is a drouth resister. Averages five feet in height, making it convenient for pulling brush. Postpaid, pkt., 10c; lb., 20c; 2 lbs., 35c. By express or freight, lb., 15c; 5 lbs., 50c. Larger quantities at 7c per lb.

Improved Evergreen

This Broom Corn grows about 7 to 9 feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its greatest value is, that it will not get red in the field before it is cut, but is strictly a green variety of brush. Postpaid, pkt., 10c; lb., 20c; 2 for 35c. By express or freight, lb., 15c; 5 lbs., 50c. Larger quantities 7c per pound.

Tuckers' Spring Pasturage Mixture

Makes the Quickest-Growing, Largest Yielding and Most Nutritious Grazing for Spring and Early Summer Pasturage

This a mixture of Spring Barley, rye, vetch, oats and rape, combined in proper proportions to make a quick, early and nutritious spring pasturage, and is especially valuable to come in for use earlier than the regular grasses and clovers; will supply excellent, nutritious grazing two or three weeks before the regular pastures should be grazed, and give a large and continuous yield until summer comes on. The sowing of this mixture will also prove of benefit to the land, where it is desired to plant other crops later in the season. Sow 1 to 2 bushels per acre, as early in the spring as conditions will allow. By express or freight, bushel of 40 pounds, \$2.40. Larger quantities at \$2.30 per bushel.

Seed Oats

Pure High-Grade Recleaned Stocks

TEXAS RED RUST-PROOF

The Red Rust Proof Oat, develops to the very highest perfection. The grains are true in shape and color, are extra large and plump; stool wonderfully, are Rust Proof, while the growth is very vigorous. In actual tests made in this section, the Texas Red Rust Proof made double the yield compared to the common varieties. This Oat is very hardy, standing more cold weather and hard knocks than any other variety. The seed is Reddish yellow in color, very large and plump; straw is very stiff and heavy with good wide leaves. Our stock of Red Rust Proof Oats will grow on a greater variety of soils and make good yields better than any other variety. Price of Genuine stock, bushel, \$1.25; 5 bushels, \$6.00. Larger quantities, \$1.15 per bushel.

SWEDISH SELECT

Jasper County Grown Acclimated Seed

This oat was originally imported from Sweden and distributed by the United States Department of Agriculture. It has been grown very extensively in this country; has proved to be one of the best and most satisfactory and largest yielding white spring oats in cultivation. Great root development is one of the characteristics of the Swedish oat. This enables the plant to resist drought and adverse conditions better than some other varieties. The straw is coarser, and it is noted for its stiffness and power to withstand lodging. The oats are large, thick, white, plump and heavy grain. This oat has given very general satisfaction. Bushel \$1.25; 5 bushels, \$6.00. Larger quantities, \$1.10 per bushel.

EARLY HARVEST

A early Oat that has done exceedingly well wherever sown. Grains medium in size and ranging from light yellow to black in color. Not as heavy as Red Rust Proof, but an almost sure yielder. Price, Bushel, \$1.10; larger quantities, \$1.00 per bushel.

Flax Seed

Flax Seed is one of the best paying grain crops, making good yields on any average soil. Our seed stock is recleaned, plump and free from obnoxious weed seeds. One-half bushel per acre is the usual amount seeded. Postpaid, lb., 25c; 3 lbs., 60c. By express or freight, bushel, \$3.75. Larger quantities at \$3.60 per bushel.



To grow flowers well the soil must be carefully prepared as for vegetables. Spade the beds to a good depth and make them rich with well rotted manure, thoroughly mixed in. A small quantity of sand will greatly improve stiff, heavy clay. Don't bury your seeds. Plant the largest, like Nasturtiums, not more than an inch deep, Balsams half an inch, Asters, a quarter of an inch, Petunias Poppies, etc., on the surface. Firm the soil over the seeds with a board and keep it constantly moist. Don't allow seedlings to crowd each other. Transplant in cloudy weather or in the evening and shade from the sun a day or two.

DISCOUNTS ON PACKET FLOWER SEEDS—For 25 cents select 6 five-cent or 3 Ten-cent pkts. For 50 cents select packets to the amount of 65c. For \$1.00 select packets to the amount of \$1.30. We prepay postage on all Flower Seed.

FLOWERS FROM SEED ARE USUALLY KNOWN AS ANNUALS, BIENNIALS AND PERENNIALS.

ANNUALS bloom and ripen seed the first year and then perish.

BIENNIALS do not generally flower the first season and are in perfection only one year.

PERENNIALS continue to flower for several years in succession. Many of them bloom the first year if sown early.

ASTERS

Tuckers' "Superb" Mixture of Asters

A magnificent mixture, producing myriads of Gigantic flowers of the most gorgeous colors and perfect form. This mixture contains the cream of all the Asters. We have spared nothing to make it the most perfect of any Aster mixture offered. It will surprise you with its great profusion of varieties, all beautiful, striking and distinct, with a range of color not to be found in any other Aster mixture. Price, Pkt., 10c; $\frac{1}{8}$ oz., 40c; $\frac{1}{4}$ oz., 75c.

Victoria Asters

Undoubtedly one of the most handsome asters in cultivation, and we have an excellent strain of the seed. The petals curve outward overlapping like those of the double dahlia. Plants grow about two feet tall and are simply covered with from twenty to forty magnificent flowers averaging from three to four inches across. The flowers are unusually attractive forms and brilliant colors.

Victoria Snow White.....Pkt., 10c
 Victoria PinkPkt., 10c
 Victoria Bright Red Pkt., 10c
 Victoria Light Blue Pkt., 10c
 Victoria Dark Blue Pkt., 10c

Victoria Fine Mixed.

All the above colors in mixtures, Pkt., 10c; $\frac{1}{4}$ oz., 50c.

Improved Peony Perfection

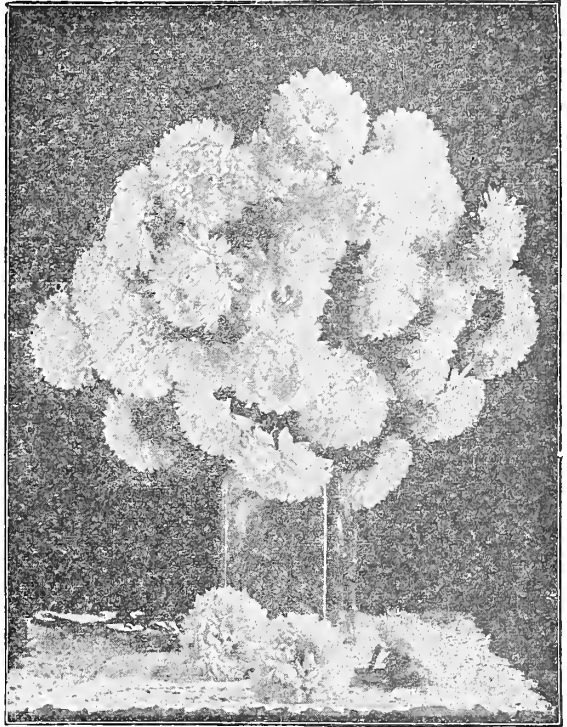
One of the handsomest sorts; flowers are borne on long, wiry stems, are very large, 3 to 4 inches in diameter, very double, in shape like a peony. The petals incurve and give the flowers a ball-like appearance. This is especially true during the early, flowering season. Mid season to late flowering. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Ostrich Plume Aster

The finest type of the Giant Comet or Ostrich Feather type of Asters. Borne on long stems they make cut flowers par excellent. Finest mixed, Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Sample's Branching

A class of very strong growing Asters not



coming into bloom until very late, but producing flowers so large, double, perfect in form and borne on such long stems that florists sometimes sell them for chrysanthemums. Finest mixed, Pkt., 5c; $\frac{1}{8}$ oz., 20c.

GIANT CREGO ASTER

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Finest mixed, Pkt., 10c; $\frac{1}{8}$ oz., 35c.

SPECIAL---4 Packets of any Astor listed 10c packet, for 25c postpaid

ANTIRRHINUM

Snapdragon—They blossom the first year if seed is sown early. Slightly covered with leaves, they withstand our winters. One and one-half to two feet tall.

Giant Flowered—Finest Mixed colors. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

AGERATUM (Floss Flower)

Very showy plants; bloom profusely the whole summer; fine as cut flowers. Splendid for borders, ribbon beds, etc. Half hardy annuals. Finest Mixed, Pkt., 5c; oz., 30c.

AMARANTHUS

Foliage brilliantly ornamental, producing a striking effect in the border as a background, or as a center of beds. Of the easiest culture. Annuals, 3 feet. Finest Mixed, Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c.

CELOSIA, OR COCKSCOMB

Very attractive annuals. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. Sow the seed directly in the garden or start early and transplant. Make fine pot plants. Comb variety, Finest Mixed colors, Pkt., 5c; $\frac{1}{4}$ oz., 35c.

CARNATIONS

These popular flowers are easily grown from the seed, they begin blooming in a few months after sowing the seed. The large double flowers are sweet scented and beautifully fringed.

Marguerita Finest Mixed, Pkt., 5c; $\frac{1}{8}$ oz., 30c.

BALSAMS

An old time favorite with brilliant double flowers. Succeeds best in good rich loam. Height two feet.

Double Camellia Flowered, Mixed—White, rose pink, scarlet, etc., pkt., 5c; $\frac{1}{8}$ oz., 20c.

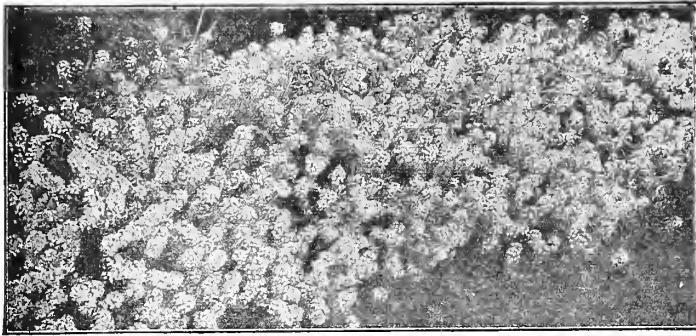
CASTOR BEAN

Each plant make a perfect pyramid of foliage fourteen feet tall, with gigantic leaves.

Ricinus Zanzibariensis Mixed—Pkt., 5c; oz., 15c.

CALLIOPSIS

A quick growing annual. The flowers are placed on graceful wavy stems and in color run through all the shades of red and yellow; foliage dainty, useful combined with other flowers. All sorts and colors mixed, pkt., 5c; $\frac{1}{2}$ oz., 30c.



ALYSSUM.

Little Gem—We know of no other flower which is so particularly well adapted for border, ribbons, etc. The plants commence to bloom when quite small, and will flower all summer long until late in the fall. This habit with its fragrance, make it indispensable. Pkt., 5c; ½ oz., 20c.

Maritimum—Of trailing habit. Fragrant. Pkt. 5c; ½ oz., 15c.

CALENDULA

A perpetual bloomer, the flowers are oriental in color and exhibit every shade of yellow from ivory to deepest orange. Makes good cut flowers. **Finest Mixed**, pkt., 5c; oz., 30c.

CAMPANULA (Canterbury Bells)

This old fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.

Tuckers' Prize Mixture—An elegant mixture of all the finest classes and colors of single and double and "Cup and Saucer" varieties, Pkt., 10c; 2 pkts., 15c.

CETAUREA CYANUS

Bachelor's Button—Very free-blooming, hardy annual also called **Blue Bottle**, **Ragged Sailor**, **Korn Blume**, etc. Pkt., 5c; ½ oz., 40c.

CHRYSANTHEMUMS

Annual Varieties—Quite distinct from the autumn varieties. Summer blooming border plants of compact, thrifty growth, 1 to 1½ feet high, producing large blooms 2 inches across, from July until frost. Extensively grown for cut flowers. They are partial to a little shade. Sow seed in the open where plants are to stand.

Finest Mixed Colors, pkt., 5c; ½ oz., 30c.

COLEUS.

Probably the most popular of ornamental foliage plants. Leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Fine Hybrids, Mixed Extra choice, pkt., 10c; ½ oz., 45c.

COSMOS

Giant Flowered Fancy Cosmos—These gigantic flowers measure from 4½ to 5 inches across, petals fringed, pink toothed and plain, and in colors from pure white through shades of pink and red to rich dark red. Pkt., 5c; ½ oz., 30c.

Dwarf Early-Flowering—Coming into flower in July, continuing until frost. Dwarf, compact growth—4 feet. Flowers beautiful and large; petals broad, profuse bloomer. Pkt., 5c; ¼ oz., 20c.

CANDYTUFT

Candytuft will grow anywhere under all conditions and flowers all summer. Good for cut flowers and borders.

Empress—A complete mass of snow white flowers. Pkt., 5c; ½ oz. 40c.

Finest Mixed—White, carmine and crimson colors, Pkt., 5c; ½ oz., 25c.

CANNA

Few people know these tropical plants can easily be grown from seed and bloom the first summer if sown before April. Pierce the seed in one spot with a file and soak in luke warm water for 24 hours before planting. **Crozy's Mixed**, pkt., 5c; oz., 25c.

FINE DAHLIA SEED.

A favorite for autumn flowering. Seed may be sown in spring in open ground after danger of frost is over, but for best results sow in shallow pans at any time in March, and transplant the seedlings to small pots. When strong enough and danger from frost is over plant out three feet apart.

Double Dahlias—Extra fine mixed, many fine varieties. Pkt., 10c; ½ oz., 30c.

Single Giant Perfection—This strain is a decided advance on the ordinary singles. The plants produce in great abundance flowers of immense size, averaging 6 inches across of the most bewildering variety of coloring. Pkt. 5c; oz., 45c.

Double Cactus Flower Mixed. With twisted and curled petals, Pkt., 15c.

See also **Dahlia Bulbs**.

DIANTHUS.

Chinese and Japanese Pinks—The plants grow one foot high and bloom profusely from early summer until frost.

Double Mixed Chinese—Annual. Mixed. Pkt., 5c; ½ oz., 15c.

China or Indian Pinks—Fine single, mixed, pkt. 5c; ½ oz., 20c.

Double Imperial—Variegated colors, pkt., 5c; ½ oz., 15c.

Double Heddiwigi—Japanese pink, pkt., 5c; ½ oz., 20c.

Hardy Garden or Clove Pink—This splendid class of hardy perennial pinks should be in all gardens. They have the delightful clove fragrance, Pkt., 5c; ½ oz., 15c.

Giant Double Daisies (Bellis Perennis)

A charming little plant for pots, edgings and borders. Sow the seeds very early and plants will bloom the first season and continue to bloom each season if given some protection during the winter. They do best in a rich soil and quite cool situation. Especially desirable for cemetery decoration. Pkt., 10c; ½ oz., 35c.

ESCHOLTZIA

California Poppy—A bright free-flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers in pure shades of yellow, orange and crimson are produced from early spring until frost. Sow the seed where the plants are to remain. Pkt., 5c; ½ oz., 20c.

EVERLASTINGS

These are mostly annuals with straw-like flowers that keep their form and color for years. **Mixed colors**, pkt., 5c; ½ oz., 15c.

FOX GLOVE.

Digitalis—An old-fashioned flower of stately growth; highly ornamental large cup-shaped flowers; height three feet. Mixed pkt., 5c; ¼ oz., 20c.

FOUR O'CLOCKS

Marvel of Peru—Well known annuals of easy culture. Mixed colors, pkt., 5c; ½ oz., 20c.

GAILLARDIA

They will produce from early spring until late fall a continuous profusion of brilliantly colored flowers, red and yellow predominating. Of easy culture, sow where they are to remain. Annual varieties. **Double Perfection**, Mixed, pkt., 5c; ½ oz., 15c.

GERANIUMS

These grow readily from seed the first year and produce blooming plants the first summer. There is a great deal of pleasure in watching them develop from seed.

Zonale Varieties—Saved from the choicest collections, pkt., 10c; ¼ oz., 35c.

HOLLYHOCK

Entirely different and more beautiful than the plant of twenty years ago, being much more compact in growth, the flowers larger, more richly colored and the double varieties of better form. For a background to a flower garden nothing is better. Hardy perennial; five feet high. **Double fine mixed**, pkt., 10c; ¼ oz., 35c.

HELLIOTROPE

Deliciously fragrant flowers of rich purple blue. The flowers and leaves have a mossy effect. Bloom from seed the first summer if sown early in the spring. Excellent for cutting and splendid for bedding. **Fine mixed**, pkt., 5c; ¼ oz., 30c.

KOCHIA (Burning Bush)

Forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. Autumn coloring has given it another name. "Mexican Fire Plant." Plants do best in a sunny exposure about 2 feet apart. Pkt., 5c; ¼ oz., 20c.

LANTANA

Popular, free-blooming and very rapid-growing plants with flower heads of various colors, which are continually changing; emit a powerful aromatic perfume, plants are completely loaded with blossoms, succeeded by berries, which, when ripe, turn deep blue. Start seeds in the house or hotbed. Tender perennial, 1½ feet. **Finest Mixed**, pkt., 5c; ½ oz., 25c.

SUPERB NASTURTIUMS**TUCKERS' SPLENDID MIXTURE OF DWARF NASTURTIUMS**

This is our best mixture of dwarf varieties. It is composed exclusively of the most elegant large flowered sorts and the brilliantly colored flowers range through every shade and tint known in this favorable annual. This seed will produce a bed or border gorgeous beyond description. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50

DWARF CHAMELEON

Single plants of this variety bear flowers of almost all shades found in Nasturtiums. The flowers change color from day to day until they fade. Are not only curious, but beautiful. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

TALL NASTURTIUMS

Tuckers' Superb Mixture—This Superb Mixture of tall or climbing nasturtiums will surprise you with its great variety of different colored flowers and its profusion of bloom. A wonderful variety of rich flowers and striking combinations are found in this Superb Mixture. A row in full bloom is certainly a picture you will remember. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

MADAM GUNTER'S HLBRIDS

Blotched and striped flowers of very brilliant and beautiful colors; grow about four feet high. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

LARKSPUR

Double Tall Rocket, Mixed—Produce beautiful spikes of double flowers in many shades. Hardy annual; one foot high. Pkt., 5c; ¼ oz., 15c.

LOBELIA

Elegant little plant of easy culture, completely covered with flowers from June until September.

Erinus Erecti—Blue and white mixed, Pkt., 5c; ½ oz., 25c.

MARIGOLD

In autumn, when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting; some of the varieties being elegantly striped and spotted.

Tuckers' Special Mixture Tall African Marigolds—Includes the best colors and is made up from separate sorts. Give this a place in your garden if you wish flowers when all others have failed. Pkt., 5c; ¼ oz., 25c.

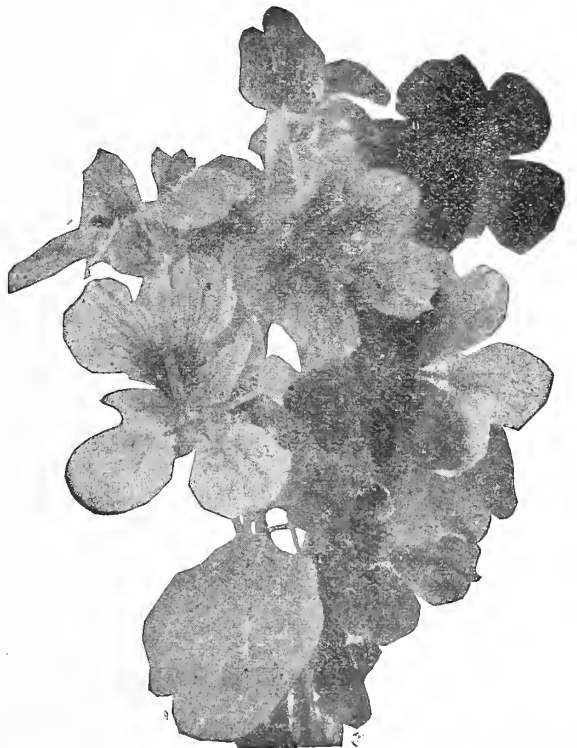
Tuckers' Special Mixture of Dwarf Marigolds—These dwarf compact strains are very attractive, each plant being covered with hundreds of small bright flowers. This mixture is made up of separate colors especially purchased for it. Pkt., 5c; ¼ oz., 25c.

MIGNONETTE

A very well known hardy annual producing dense spikes of exceedingly fragrant flowers. Seed sown in autumn will bloom early the following spring. Hardy annual one foot high, sweet scented. Pkt., 5c; ½ oz., 15c.

MYOSOTIS

Forget-Me-Not—A favorite old-fashioned flower bearing in profusion clusters of blue blossoms. It thrives well in the shade or open border. Hardy perennial. Pkt., 5c; ¼ oz., 25c.





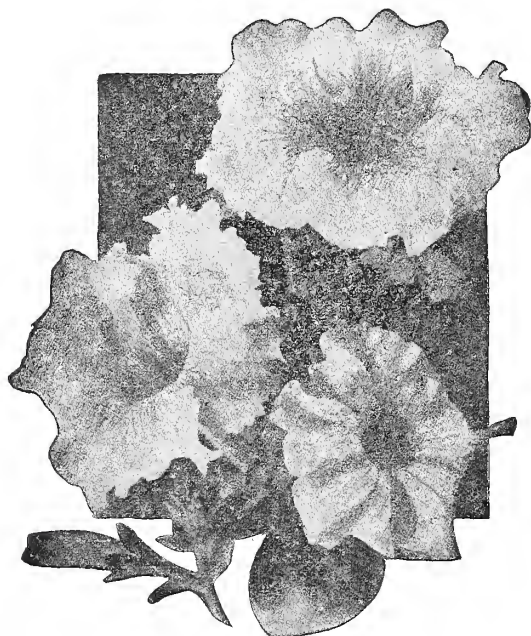
PANSIES

TUCKERS' MAMMOTH FLOWERING PANSY MIXTURE

In this magnificent mixture of mammoth-flowering pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings, of fine substance, velvety texture, perfect form and giant size, frequently measuring three inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequalled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. Pkt., 10c; 3 pkts., 25c; $\frac{1}{8}$ oz., \$1.00.

LIBERTY PANSIES (Formerly Called German)

The Liberty Pansies are noted for their most endless variations, which include striped, blotched, bordered, veined and marble combinations, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all summer. Pkt., 5c; $\frac{1}{8}$ oz., 50c.



SWEET VIOLET

Viola Odorata—Sweet-scented Violets are easily grown from seeds; and if you can plant them in a cool and moist situation, so much the better. All varieties are of great beauty.

Sweet-Scented — Old-fashioned Blue Violet Pkt. 10c.

Sunflower—Miniature double dwarf, special mixture, pkt. 5c; $\frac{1}{8}$ oz., 10c.

SALVIA

Splendens—Gorgeous plants with numerous spikes of intensely vivid scarlet flowers ten to twelve inches in length. Continues to flower profusely all summer and fall. Easy of growth. The most popular Salvia in cultivation. Pkt., 10c; $\frac{1}{8}$ oz., 40c.

STOCKS.

The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades. Dwarf 10 weeks, Fine Mixed, Pkt., 10c; $\frac{1}{8}$ oz., 30c.

PETUNIA

For freedom of bloom, ease of culture and effectiveness, these rank with Asters, Phlox, and Verbenas. If only a little care is bestowed upon them. Petunias will produce their handsome sweet-scented flowers through the whole summer.

Finest Mixed, Pkt., 5c; $\frac{1}{8}$ oz., 25c.

SWEET WILLIAM

A splendid old-fashioned plant, producing its large heads of beautifully colored sweet-scented flowers in great abundance. It is hardy, easily grown and flowers the second year from seed.

Double Fine Mixed, Pkt., 5c; $\frac{1}{8}$ oz., 35c.

Single Fine Mixed, Pkt., 5c; $\frac{1}{8}$ oz., 15c.

ZINNIA

A very showy and brilliant annual of easy culture. Stands the heat of summer well, and succeeds in any common garden soil. Double Mixed, pkt., 5c; $\frac{1}{8}$ oz., 15c.

WILD FLOWER GARDEN

A mixture of easily grown annuals for the decoration of children's gardens, prairies, shrubberies, etc. Pkt., 5c; $\frac{1}{8}$ oz., 15c.

Tuckers' Quality Sweet Peas



Sow as early in the spring as the ground can be worked. Do not wait for fair weather. Sow the seeds in a trench four inches deep and cover with about an inch of soil. Furnish support early. After the plants are well up, thin them to about four inches apart and gradually fill the trench to the level of the garden. When hoeing draw the soil towards the plants, but do not form a ridge. One quarter pound of seed will sow fifty feet.

Superb Spencer Sweet Peas

This Great Collection of Superb Spencer Sweet Peas—Nine Liberal Packets for 50
FIREY CROSS Cents Postpaid. **ASTHA OHN**

Scorching, glistening live fire, intense red. "Firey Cross" has all the appearance of live fire, the color being a scorching fire-red, or scarlet, without any shading, and which scintillates and glitters in bright sunlight with a glowing, fire-like sheen which radiates over the flower.

QUEEN ALEXANDRIA

This is an intense scarlet sort of grand texture—a bold expanded flower of finest form. It is very free flowering and the flowers are of giant size with long strong stems. This grand flower does not burn in the sun, and might be described briefly as a larger, finer "fadeless" "Scarlet Gem."

COUNTESS SPENCER

Of perfect form, remarkable size and exquisite color. The flowers are often 1½ to 2 inches in diameter, with both standard and wings charmingly fluted. The coloring is an exquisite soft rose-pink, daintily tinted with silvery white.

WHITE SPENCER

Without doubt the largest and most magnificent White Sweet Pea ever introduced. The vines are almost completely covered with mammoth flowers. The flowers are borne 3 to 4 on a stem and are of splendid substance. It is without a rival among White Sweet Peas.

Price of all named varieties Spencers, as listed above, Pkt., 10c; oz., 25c; ¼ lb., 75c.

SUPERB SPENCER SWEET PEA MIXTURE

This special mixture of Giant Spencer Sweet Pea is made from separate sorts, giving our customers the cream of the Spencers in all colors, including many of the latest varieties, as well as superb seedlings of exquisite colors and shades, which have not as yet been true enough to be introduced as new named sorts. The vigorous plants produce extremely large flowers, most beautifully waved and frilled, on long and erect stems. An especially attractive mixture. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

TUCKERS' QUALITY RAINBOW MIXTURE SWEET PEAS

The grandest mixture of Sweet Peas ever offered. In this mixture of Sweet Peas you will find many of the newest and most rare of the Spencers varieties as well as the best of the Grandiflora types. In all there are more than fifty varieties, colors and shades of colors. During the several years we have sold it we have received innumerable testimonials praising the exquisite coloring and profusion of blooms. The different kinds and sorts contained in this mixture are grown separately so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves, in proper proportion for the most brilliant effect. Some are edged, mottled, blended, flaked and striped. Without exception this is the very finest mixture it is possible to make. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75, postpaid.

A soft pinkish lavender, sometimes suffused with mauve. An exceedingly beautiful variety, flowers very large, beautifully waved, and are borne on long stems, very profuse bloomer. This variety of Spencer Sweet Pea is certain to please you.

PRIMROSE SPENCER

We consider this the best primrose, or cream and ivory sweet pea yet developed. True Spencer type, large wavy petals, frilled at edges; clear, distinct color. Primrose Spencer will certainly please you with its fine form and exquisite color.

KING EDWARD SPENCER

Undoubtedly the largest and best scarlet Sweet Pea to date. Each stem carries from 3 to 4 enormous flowers. Wings carmine-scarlet, reverse side rosy carmine. The beautiful blossoms are carried on long stiff stems.

DOBBIE'S CREAM

Flowers a deep cream or primrose, distinctly waved or crimped. One of the best of the primrose class.

GEORGE HERBERT

The color is Rose-carmine. A fine bloomer of immense size flowers, usually three to four to a stem. We especially recommend this variety as one of the very best Spencers.

PHLOX

Grandiflora—No flower can surpass the Phlox in brilliancy or variety of color, or freedom of bloom. Large flowering, finest mixed, pkt., 5c; $\frac{1}{4}$ oz., 15c.

POPPIES

Shirley—Flowers exceedingly graceful and elegant; single colors ranging from blush, white, delicate pink, rose, carmine, to bright, sparkling crimson, occasionally with white. The best and most showy of all single poppies. Finest Mixed. Pkt., 5c; $\frac{1}{4}$ oz., 10c.

Carnation Flowered Mixture of Double Poppies—Large sized flowers of all shades, many striped. The Opium Poppy.. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

PORTULACA

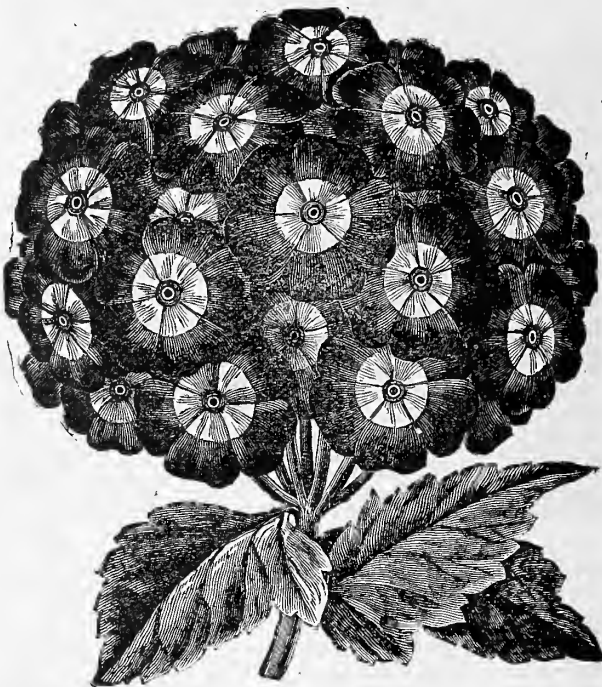
Rose Moss—This plant will grow and bloom profusely in a dry, hot situation, where almost any other plant would soon die. Easily transplanted. In sowing mix the seed with dry sand to insure an even distribution. Sow in May when the ground is thoroughly warmed through.

Single fine mixed, pkt., 5c; $\frac{1}{8}$ oz., 10c.

Double fine mixed, pkt., 10c; $\frac{1}{8}$ oz., 30c.

VERBENIAS

Mammoth Mixed—A carefully selected and fine strain of Verbenias. The trusses and individual flowers are of the largest size, of brilliant colors; free-blooming and of vigorous habit. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

**PHLOX****CLIMBING VINES****MORNING GLORIES**

Imperial Japanese—These grand Morning Glories from Japan are remarkable for their large size and exquisite colors. Grow quickly to a height of 12 to 20 feet. They are of innumerable shades of blue, white, yellow, slate, copper, brown, almost black and often seven or eight colors and tints in one flower. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

CYPRESS VINE

This is a beautiful, rapidly growing annual climber, with delicate dark green finely cut fern-like foliage and masses of the most brilliant and graceful star-shaped flowers. The two shades, white and scarlet are very striking. Planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier. Pkt., 5c; oz., 15c.

COBAEA SCANDENS

A fine annual climber, often growing 15 to 25 feet in a season. Has handsome foliage and large bell-shaped flowers of a beautiful deep violet-blue. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

BALSAM APPLE AND PEAR

Ornamental climbers, with pretty foliage and flowers followed by handsome fruit, which when ripe burst open exposing the bright red seeds within. Each variety, pkt., 5c; oz., 15c.

DOLICHOS

Hyacinth Bean—A splendid annual climber with hyacinth-like clusters of purple and white flowers, which are followed by exceedingly ornamental seed pods. Is of most rapid growth and stands Summer heat well. Sow the seeds in the garden in May where the plants are to remain. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

SCARLET RUNNER BEAN

Ornamental climber. Bright scarlet spray of bloom followed by delicious edible beans. Pkt., 5c; $\frac{1}{4}$ pt., 10c; pt., 30c.

GOURDS.

Hercules Club—Grows three feet long.

Sugar Trough—Often used for buckets.

Dish Cloth or Chinese Sponge—(Luffa.)

Nest Egg—Excellent for nest eggs.

Dipper Gourd—Used for dippers.

Small Sorts—Mixed.

Mock Orange—Yellow color.

Ornamental Pomegranate—Has delightful perfume. Large pkt., of any gourds, 5c; oz., 25c.

MOON FLOWER

(*Ipomoea Grandiflora Alba*) will grow thirty to forty feet in a single season and be covered with its large white flowers every evening and cloudy day. The hard outer coat of the seed should be cut through with a sharp knife, care being taken not to cut any deeper than the hard shell, and the seed planted about 1 inch deep in moist soil in a box or pan and set in a warm place. If the soil is kept moist, germination will take place in about 2 weeks. After the plants are up, plant out doors in a sunny situation when danger from the frost is past. Pkt., (12 seeds) 10c; oz., 35c.

MADEIRA VINE

Dormant Bulbs.

A rapid growing climber with beautiful waxy foliage and graceful clusters of flowers of pure white color and delicate fragrance. Very ornamental and useful for shading verandas, arbors, or covering unsightly sheds, stumps, etc., each, 5c; 6 for 20c; 35c per doz. By express, not prepaid, doz., 25c.

WILD CUCUMBER

This is the quickest growing climber in our list. It will grow thirty feet in one season. It is thickly dotted with pretty white fragrant flowers, followed by an abundance of ornamental prickly seedpods. Pkt., 5c; oz., 15c.

Show and Fancy Dahlias

The "show" Dahlias are of ball shape with full, round, regular form and cupped or quilled of solid color. The illustration on this page is a good example of the type. The "Fancy" Dahlias are very similar to the "show" except that they are spotted, tipped, penciled or striped, two or more colors, or the tips of petals are lighter than the ground color of the flower.

Price of all Show Dahlias, your selection of varieties, postpaid, each 25c; 3 for 65c; dozen \$2.25. By express not prepaid, 6 for \$1.00; dozen, \$1.75.

GRAND DUKE ALEXIS

A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving it a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties.

DOROTHY PEACOCK

The most exquisitely beautiful bright sea shell pink Dahlia on earth.

HOOSIER

A grand new Dahlia of a beautiful rose-pink color, with shadings of deep rosy crimson. Early profuse bloomer.

QUEEN VICTORIA

Pure Canary yellow, one of the freest bloomers. Good for cutting.

VIVIAN.

Color white, effectively edged Rose Violet. This variety is an extra fine one.

ROBERT BLOOMFIELD

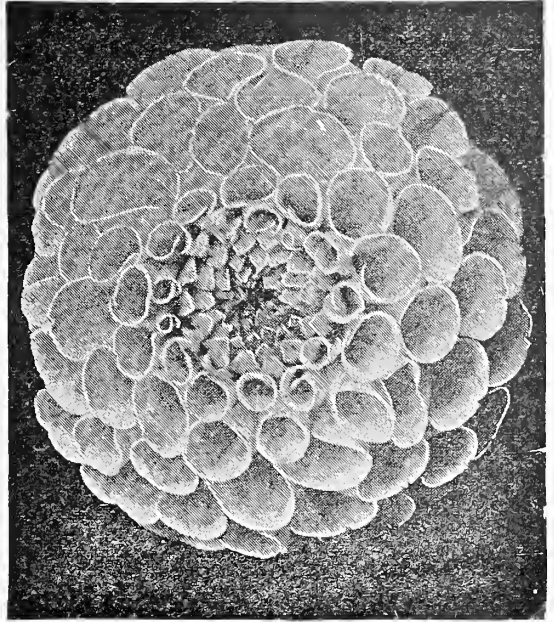
Pure snow-white, large size, very free bloomer; grand for cut flowers.

RED HUSSAR

Richest, dazzling cardinal red. Strong, vigorous grower and free bloomer on long stems. The best red show for cutting.

A. D. LIVONI

A splendid clear pink, beautifully quilled, of perfect form and very free-flowering.



SHOW DAHLIA

DAHLIAS

The cactus forms of Dahlias are exceedingly beautiful, and are hard to excel. They have long twisted petals and embrace nearly all the colors and shades to be found in any of the other types.

Price of all Cactus Dahlias listed your selection of varieties, postpaid, each 25c; 3 for 65c; dozen, \$2.25. By express not prepaid, 6 for \$1.00; dozen \$1.75.

Aurora—The color is a remarkable shade of rich golden amber, elegantly tinged and shaded with apricot and dark ruddy copper, shading lighter towards the tips of petals, intensely beautiful.

Kriemhilde—A magnificent variety bearing perfect flowers of fresh delicate pink shading to deep rose pink. The center petals ultimately change to creamy white, giving the mature flower a captivating pink and white effect.

J. H. Jackson—This is without doubt the finest dark Cactus Dahlia. Its velvety black crimson-maroon shade is very striking. Large and perfect.

Rheinkong—The ideal white Cactus. A robust healthy grower producing immense flowers 5 to 6 inches in diameter of pure snowy white, on stiff stems.

Queen Wilhelmina Peony Flowered—This is a splendid variety of this type with immense pure white flowers, with yellow center. It is very free flowering and the flowers are produced on good stems, making a fine variety for garden decorating.

Queen of Hearts—The best white Cactus ever introduced. It is all the originator claims, and will in time replace all other white Cactus sorts. Pure white, shading to lemon-yellow at base of petals, which are very long, tubular and incurving; very free bloomer on long stems.

Springfield—Springfield is a rich amaranthine-red. No one can describe its color as it is an entirely new break in colors for Dahlias. No Dahlia blooms freer, No Dahlia is as pretty as Springfield. This is without question the greatest of all Dahlias. Be sure and try Springfield.

ASSORTED DAHLIAS

This assortment includes many of the varieties described above as well as a great many other sorts. For the person who is not particular about named sorts this mixture will more than please you, with the great variety of colors it contains. Postpaid, ½ dozen, \$1.00; dozen, \$1.75.

SUMMER FLOWERING BULBS

CALADIUMS

(Elephants Ear)—A very effective plant for beds or groups, especially in lawns. To have the best results they must have an abundance of water and plenty of rich manure. When full grown, they stand 6 to 8 feet high, and bear immense light green leaves 3 to 4 feet long by 2 to 2½ feet wide.

Good Sized Bulbs—6 to 7 inches around. By mail postpaid, each 10c; 3 for 25c. By express not prepaid, 80c per dozen.

Medium Bulbs—8 to 9 inches around. By mail postpaid, each, 15c; 2 for 25c; by express, not prepaid, \$1.50 per dozen.

Mammoth Bulbs—10 to 12 inches around. Postpaid each 35c. By express, not prepaid, doz. \$3.00 dozen, \$6.00 per 100.

GLADIOLI

America—A grand pink; flower spikes 2 to 3 feet long. 6c each; 60c per dozen.

Augusta—Lovely pure white; often has 2 or 3 branches. 6c each; 60c per dozen postpaid.

Klondike—Clear yellow, with maroon blotch in the throat. 6c each; 60c per dozen, postpaid.

Princeps—Rich dazzling scarlet, the lower portion marked with white; large open flowers. 8c each; 85c per dozen postpaid.

CANNAS

NEW CANNA FIREBIRD

The flowers are borne in immense trusses, on tall stalks well above the leaves. They are of splendid form, round and shapely. The petals measure 2½ inches and over across, and the color is a clear glistening scarlet without any streaks, spots or blotches. Postpaid, 15c; 3 for 65c.

Florence Vaughan—5 ft. The most famous of all Cannas. The flowers are of rich golden yellow, thickly dotted with bright golden red. Green foliage. Postpaid, 15c; 3 for 40c. By express, doz., not prepaid, \$1.00.

GUSTAV GUMPFER—(Green) An ideal bedder, possessing the practical qualities of compact growth, free and continuous blooming, and self-cleaning habit; uniform flower, heads well above foliage. Color, the richest kind of orange-yellow; extra. 3½ feet. Postpaid, each 15c; 3 for 40c. By express, not prepaid, dozen, \$1.25.

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot beds and set outside in May. Give plenty of water.

Excelsior Pearl—This sort is distinguished by its short robust stem completely covered by large blossoms fully twice the size of the old tuberose and quite double. The flowers are very fragrant and of the purest waxy white color. Large selected bulbs by mail postpaid, each 10c; six for 50c; 90c per dozen. By express, not prepaid 80c per

Mrs. Francis King—Brilliant flamingo pink blazed with vermilion red; blooms 4 inches across. 6c each; 60c per dozen, postpaid.

GLADIOLI

Fancy Mixed superb flowers, embracing a wide range of colors from delicate shades of pink and primrose to deepest crimson and maroon, also striped and variegated. Best mixtures, including all colors and shades, striped and variegated. By mail postpaid each 6c; 50c per dozen.

King Humbert—Massive foliage of finest bronze, with dark midrib. Its flowers measure six inches in diameter and are produced in great trusses. Brilliant orange-scarlet, with bright red markings. Height about four feet. Postpaid, each 15c; 3 for 40c. By express, not prepaid, dozen, \$1.50.

Mad Crozy—3½ ft. Vermillion with gold border. The sort which popularized the Canna. Green foliage. Postpaid, 15c each; 3 for 40c. By express, not prepaid, doz., \$1.25.

Eureka—(Green). Largest white Canna we have seen, often 5 to 6 inches across. Need we say the only meritorious white Canna to date; pure white. A good grower and free bloomer. 4 feet. Postpaid each 25c; 3 for 65c. By express, not prepaid, doz, \$2.25.

ORNAMENTAL CANNAS

Tall Red Leaf Varieties—Suitable for hedges centers of flower beds or screens. Flowers red. Each, postpaid, 10c; 3 for 25c; doz., 90c. By express, not prepaid, doz., 50c.

POULTRY SUPPLIES

We are large handlers of first-class Poultry Supplies and Feeds. If interested please write us for samples of our Special Feeds, we guarantee them to be the very best on the market.

EGG TESTERS. An all metal egg tester that is reliable. Each 30c. Postpaid extra 5 cents.

INCUBATOR LAMPS—Made of heavy galvanized steel, will last for years. Can be used with almost all makes of incubators. Fitted with burners. Small size holds 1 qt. of oil, fitted with No. 1 or 2 burner, complete 90c. Large size holds 2 qts. with No. 3 burner, complete \$1.00. Postal weight 1 qt. size 1 lb., 2 qt. size, 2 lbs.

INCUBATOR AND BROODER SUPPLIES

BROODER LAMPS 1 qt. size heavy galvanized iron, 80c; 2 qt. size, galvanized iron, 90c. Postal wt., 1 qt. size 1 lb., 2 qt. size 2 lbs. Metallic Lamp chimneys each, 25c.

LAMP BURNERS—Good heavy burners that will give satisfaction. Nos. 1 and 2, each, 35c; No. 3 each, 50c.

Guaranteed Accurate. "Tycos" Incubator Thermometers are recognized as the world's standard. Guaranteed accurate, can be used with perfect assurance in any make of incubator. Postpaid 75c.

Made with wooden back, for protection. A good accurate, strong thermometer. Postpaid, each 40c.

Hygrometer

The use of the "Tycos" Incubator Hygrometer effectively lessens the percentage of chicks dying in the shell—due very largely to improper moisture conditions.

"Tycos" Incubator Hygrometer, each \$1.50, postage extra 5c.

Queen Incubators

Stop Hatching Weak Chicks!



Stop hatching weak chicks with cheap incubators. A Queen costs but little more, and the extra chicks that live and grow soon pay the difference.

Remember, it is not how many chicks you hatch that counts, but how many you raise. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you but trouble and loss. They make one sick of the poultry business.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start.

Queen Chicks Live and Grow

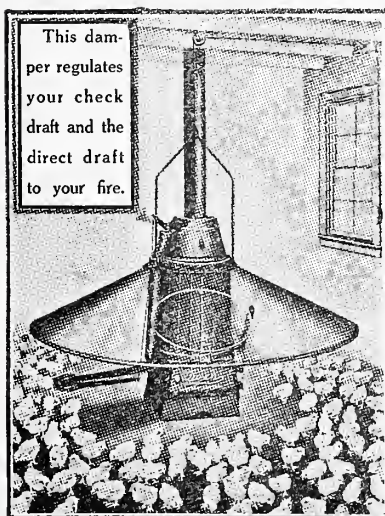
Queen Incubators are famous the country over for big hatches of strong, healthy chicks that live and grow. The Queen is accurately regulated, keeping the temperature just right for the hatching chick. No hot and cold changes to weaken the chick's system. The queen is properly insulated—two layers of wood and one of corrugated strawboard, with dead air space. This also helps to maintain an even temperature for the entire hatching period. Both Queen walls are built of genuine California Redwood, which is unusual in these days of imitation and cheap substitution.

Redwood does not absorb the odor from the hatching eggs. Cheaper woods, and pasteboard lining in iron and tin machines, retain the odors, to weaken and kill the hatching chick.

SIZES AND PRICES

No. 0—60-egg size	\$12.00	No. 5—400-egg size	\$52.50
No. 1—85-egg size	19.50	No. 25—550-egg size	75.00
No. 2—135-egg size	27.50	No. 35—750-egg size	105.00
No. 3—180-egg size	32.50	No. 45—1000-egg size	145.00
No. 4—275-egg size	42.50	No. 55—1500-egg size	195.00
No. 65—2000-egg size	\$260.00		

Queen Brooder Stoves



The Queen Brooder Stove is just what is needed to keep the house comfortable for the early chicks. It is the only Brooder Stove in which both fire and amount of heat are automatically controlled by one thermostat, and one connecting rod.

Damper indicated by arrow regulates the check draft and the direct draft to the fire. Gas controlled above deflector. No gas can escape below to injure chicks. Hover is collapsible, made in sections, and easy to put together and take apart. Holds enough coal to last 40 to 48 hours.

No. 1—600 chick size	\$19.00
No. 2—1200 chick size	23.50

TUCKERS' SPECIAL CHICK FEED



Save the Chicks
The best chick feed your money can buy. A scientific complete feed in every way. Will make your chicks grow faster and thriftier than you ever had

fed dry from the day the chicks are hatched until they are old enough to eat whole grain. It is perfectly free from dirt and dust. Compounded in correct proportions to contain the right amount of protein, fat and fibre. Our price is reasonable and you will find it economical to feed. One pound of this clean, sweet food will go as far as two pounds of cheap, trashy foods of the ordinary kinds. We ask you to try Tuckers' "Special" chick feed and you will be delighted with the result. Not prepaid, 8 1-3 lbs., 45c; 50 lbs., \$2.35; 100 lbs., \$4.50.

Save the Chicks
them grow. Tuckers' Special chick feed is composed of pure sweet, cleaned, cracked seed, grain, charcoal and bone. It is perfectly balanced and should be

Tuckers' Special Scratch Feed

A correctly proportioned Feed composed of clean, wholesome grains, bone, charcoal and sunflower, absolutely no waste or dirt, all clean, wholesome food. Keeps your hens healthy, prevents soft shell eggs and certainly produces eggs. All the elements necessary to produce eggs are combined in the correct proportions in our Special Scratch Feed.

Feed Special Laying Mash in the morning and Special Scratch Feed noon and night for positive Egg results. 8 1-3 lbs., 45c; 50 lbs., \$2.35; 100 lbs., \$4.50.

TUCKERS' SPECIAL LAYING MASH

MAKES

**BUSHELS
OF EGGS**

EGGS

Strong in Albumen and egg making properties. Nothing like it to make eggs in winter. This is a ground food to be mixed with wish. If fed according to directions will not fail to give perfect satisfaction. Especially valuable for winter feeding.

In addition to its Medicinal properties it contains the following: Red pepper, Meat Meal, Blood Meal, Beef Scrap, Flax Seed Meal, Alfalfa Meal, Bone Meal, Cotton Seed Meal, Crushed Wheat, Kaffir Corn, Middlings and Bran.

It is all feed and no waste. The materials in this food take the place of green food and meat and make the hens lay all the year around.

It is being fed daily to thousands of poultry, eggs are high in price, and every poultry raiser should be interested in getting more eggs at a less cost. Not prepaid, 8 1-3 lbs., 45c; 50 lbs., \$2.25 100 lbs., \$4.25.

EGGS

warm water, or fed dry, and only as much fed in the morning as will be eaten up clean. You may mix your table scraps if you



Poultry Food and Supplies

GRANULATED BONE

Fine for laying hens, granulated to about the size of wheat and thoroughly cleaned; you will find this bone to be one of the best egg producing and conditioning foods you have ever fed. In two sizes, Medium for Hens and Chick Size for little chicks. Please state size wanted.

10 pounds	.....	.75
25 pounds	.....	\$1.75
50 pounds	.....	3.25
100 pounds	.....	6.00

OIL CAKE MEAL

Old process ground Oil Cake very valuable for stock and poultry of all kinds. 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$4.25.

PURE BLOOD MEAL

One of the best egg producing foods known. If your hens are not moulting good, if their combs are not red and you are not getting as many eggs as you ought to, just get a few pounds of our pure dried blood and feed it regularly, and we'll guarantee that inside of two weeks you will see the big change in your hens.

10 pounds	.....	\$1.25
25 pounds	.....	2.50
50 pounds	.....	4.75
100 pounds	.....	9.25

ALFALFA MEAL

The best winter substitute for green stuff. The hay is cut when at the greenest stage of growth, cured and ground fine, nothing better. 10 lbs., 40c; 50 lbs., \$1.80; 100 lbs., \$3.50.

CHARCOAL GRANULATED

Two sizes, chick and hen. Specify which.

A valuable tonic for poultry and hogs. It is a pure and well burned and ground product, and can be taken by you as well as it can be fed to chickens, birds and animals.

5 pounds	.....	.40
10 pounds	.....	.70
25 pounds	.....	1.50
100 pounds	.....	5.00

GLASS NEST EGGS

The best made; look more like the natural egg and more than pay for their cost the first season. Packed 1 dozen in carton, postpaid, doz., 35c. By express or freight, doz., 30c.

BEEF OR MEAT SCRAPS

This meat ground in size from that of wheat grain to as large as a pea. Meat is one of the most essential elements for egg production, and this is the best way to buy it. No waste, but all good clear pieces of meat.

10 pounds	.....	80c
25 pounds	.....	\$1.75
50 pounds	.....	\$3.35
100 pounds	.....	\$6.50

PURE MEAT MEAL

This is composed of beef scraps and blood and supplies the necessary protein and nitrogen to promote a good health growth in your chickens.

10 pounds	.....	80c
25 pounds	.....	\$1.75
50 pounds	.....	\$3.35
100 pounds	.....	\$6.50

PURE FLAX SEED MEAL

This is pure re-cleaned Flax seed ground fine. Contains all the oil. It is one of the best stock and poultry Regulators known. It cleans out the system, regulates the blood and brightens the eye. One of the best milk producers. 10 lbs., 90c 50 lbs., \$4.25; 100 lbs., \$8.25.

COTTON SEED MEAL

Valuable for poultry, if properly fed, contains 36 per cent protein. Very fattening, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.40.

CRUSHED OYSTER SHELL

Manufactured from pure pearl, being trimmings from button factories where they use only fresh live stock, direct from the water. It acts as a grit, and prevents soft shells. It contains many essential compounds of the egg. Prevents hens eating their eggs, is sharp and clean and contains 95 per cent of carbonate of lime.

No. 1 medium size, for hens, \$1.25 per 100 lbs.

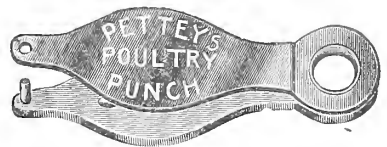
No. 2, fine size for chicks, \$1.25 per 100 lbs.

CHICK FOUNTAINS

The best thing for little chicks. Keeps the water clean and fresh. Any Mason Fruit Jar fits them. Price without jar, each 15c; 2 for 25c.

Petty's Poultry Punch

The top of perfection in Poultry Punches. Made of best spring steel, handy; one person can use it easily. Can be put on your key ring and you will always know where it is. Price 25c postpaid.



Champion Leg Bands



Adjustable and numbered. Best made. Three inches long. Made of aluminum; are adjustable. 1 dozen for 15c; 25 for 25c; 50 for 40c; 100 for 75c; 250 for \$1.75; 500 for \$3.75 postpaid. In ordering bands State Size Wanted.

Wall Fountains

Made of heavy galvanized iron; keeps water fresh and clean.

No. 1—1-Gallon, each 75c; 6 for \$4.50 Postal weight No. 1, 2 lbs.

No. 2—2-Gallon, each \$1.00; 6 for \$5.50. Postal weight No. 3, 2 lbs

No. 2—2-Gallon, each \$1.00; 6 for \$5.50. Postal weight No. 2, 3 lbs,



THE EYRIE EGG BOX

The Eyrie Egg Box is the lightest, weighing only two and three-quarters pounds packed for shipment.

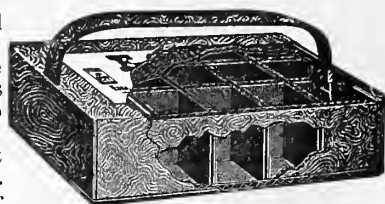
The self locking handle absolutely prevents pilfering of the contents or the substitution of other eggs. Also the handle makes an easy carried package and prevents putting anything on top of the box, thus eliminating the liability of rough usage.

In shipping high priced eggs for hatching, it is very important that they should be kept as uniform in temperature as possible. The Eyrie does this, the dead air cells in the corrugated paper making an effective shield against either heat or cold.

No. 1 For one setting (15 eggs) 20c; 6 for \$1.10; doz., \$2.00

No. 2 For two settings (30 eggs) 25c; 6 for \$1.50; doz. \$2.75.

Postal weight 1 pound each.



THE ANDERSON EGG BOX

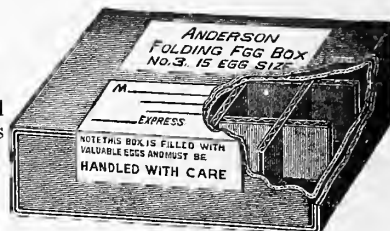
Made of heavy corrugated pasteboard, light, substantial, well made, will carry eggs, safely anywhere, price considered, this is the best for the money. We sell lots of them.

No. 3, one setting each 20c; doz., \$2.00.

No. 4, two settings, each 25c; doz., \$2.50.

No. 5, 50 egg size, each 35c; doz., \$3.85.

Postal weight, 1 pound each.



LIVE CHICK BOXES

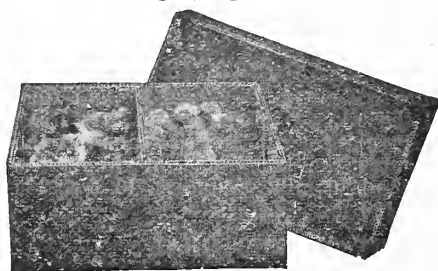
"The Sefton Live Chick Box" is shipped to you folded flat and very easily set up. Made from Corrugated Paper throughout. It is lighter and much more convenient than wooden boxes and in some instances the amount saved in express charges alone will pay for the box.

No. 1, 25 chick size, each 20c; doz., \$2.00.

No. 2, 50 chick size, each 25c; doz., \$2.50.

No. 3, 100 chick size, each 35c; doz., \$3.85.

Postal weight: No. 1, 1 lb.; No. 2, 2 lbs.; No. 3, 2 lbs.



Conkey's Celebrated Poultry Remedies

Postpaid.

Roup cure	30c-60c.....	35c-65c
Bronchitis Remedy	60c.....	65c
Cholera Remedy	30c-60c.....	35c-65c
Chicken Pox Remedy	60c.....	65c
Limber Neck Remedy	60c.....	65c
Scaly Leg Remedy	30c.....	35c
Gape Remedy	60c.....	65c
W. Diarrhoea Remedy	30c-60c.....	35c-65c
Poultry Tonic	30c.....	35c
Rheumatic Remedy	60c.....	65c
Poultry Worm Remedy	60c.....	65c

Conkey's Lice Powder, guaranteed, 5 oz. pkg., 15c; postpaid 20c; 15 oz. pkg., 30c; postpaid 35c; 48 oz. pkg., 60c; postpaid, 70c.

Conkey's Laying Tonic—The best egg producer known. 1½ lb. pkg., 30c; postpaid 40c; 3¼ lb., pkg., 60c; postpaid 70c; 7 lb., pkg., \$1.10; postpaid, \$1.25.

Conkey's Fly Knocker—The best fly preventive on the market, kills every fly it hits. 1 qt., 50c; 2 qts., 75c; 1 gal., \$1.25. Expressage extra.

Conkey's Head Lice Ointment, 1 oz., tube, 10c; 3 oz., tube 25c. postpaid.

Conkey's Lice Liquid, 1 qt., 50c; 2 qts., 75c; 1 gal., \$1.25. Not postpaid.

Conkey's Noxicide, pt., 45c; qt., 75c; ½ gal., \$1.25; gal., \$2.25. Not prepaid.

Pratt's Animal and Poultry Regulators and Veterinarian Remedies

Postpaid

Pratts Roup Cure, 30c and 60c	35c and 60c
Pratts White Diarrhoea Remedy in 30c and 60c pkgs.	35c and 60c
Pratts Chicken Cholera Remedy, 30c and 60c pkgs.	35c and 65c
Pratts Sore Head Chicken Pox Remedy, 30c and 60c boxes	35c and 65c
Pratts Poultry Regulator, pkgs., 30c, 60c, \$1.25; not prepaid	
Pratts Animal Regulator, pkgs., 30c, 60c, 75c.	
Pratts Condition Powder, pkgs., 30c; 60c.	
Pratts Hog Cholera Specific, pkgs., 50c; pails, \$2.00 and \$3.50.	
Pratts Cow Tonic, pkg., 50c; pails \$2.00 and \$3.50	
Pratts Liquid Spavin Remedy, 50c bottle	
Pratts Head Lice Ointment, 30c box,	
Pratts Powdered Lice Killer, 30c and 60c pkgs.	
Pratts Liquid Lice Killer, 35c, 60c and \$1.00 cans.	
Pratts Veterinary Healing Ointment (Gall Cure), 25c and 50c boxes,	30c and 60c
Pratts Veterinary Liniment, 30c, 60c and \$1.25 bottles.	
Pratts Specially Prepared Worm Powder, 50c pkg.	60c
Pratts Heave, Cough and Cold Cure, 50c and \$1.00 pkgs	60c and \$1.10

Pratts Distemper Cure, 50c bottle.

Pratts Veterinary Colic Cure, 50c and \$1.00.

SPRAYING OUTFITS

We list only small spraying outfits in this catalogue, but are prepared to furnish anything in this line up to the largest traction outfits. Will gladly mail catalogue pertaining to general outfits on request.

AUTO SPRAY NO. 1

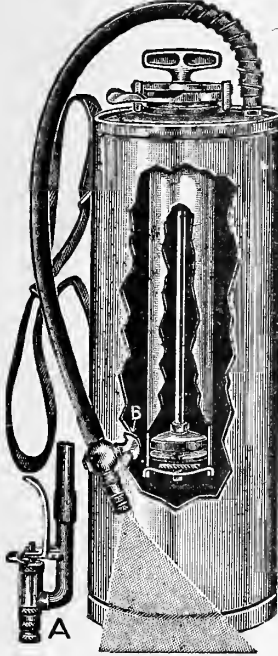
This is the best compressed Air Sprayer offered today. Quick, handy and durable.

The "Auto Spray" is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the state experiment stations and by the U. S. government as well as by thousands of representative agriculturists and horticulturists throughout the world.

The "Auto Spray" works automatically for six to fifteen minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of four gallons.

No other style sprayer will do such a variety of work, and do it so well. We recommend it for trees, shrubs, and vines, greenhouses, hospitals and stables for disinfectants, for sheep and cattle dip; and cattle fly oils, also in the hen house.

The illustration shows the "Auto Spray" equipped with stop cock. Letter A shows the Auto Pop Nozzle.



Auto Spray in the Field

PRICE OF AUTO SPRAY NO. 1

No. 1—C Galvanized with stop cock	\$6.50
No. 1—D Galvanized with auto pop	\$7.00
No. 1—A Brass with stop cock	\$9.25
No. 1—B Brass with auto pop	\$9.75

Descriptive Spray Pump Catalogue and Spray calendar mailed free, write for it.

AUTO-SPRAY NO. 5

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants.

The pump is made entirely of brass. It has two ball valves so arranged that they may be instantly cleaned. The threads are all cut, not rooled, so that there is no chance for leakage. Pump is double acting and will generate a pressure of 180 pounds.

We furnish with this pump 3½ feet of ¾-inch suction hose and a heavy strainer that keeps the hose from working out of a bucket or tank.

The strainer screen can be easily taken out of the strainer casting. This strainer has five inches of screen surface. Pump complete, \$5.00

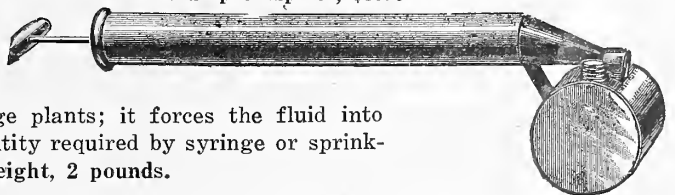
It's Double Acting



The Same Spray With Half The Labor

AUTO SPRAY NO. 5 FAULTLESS SPRAYER Capacity 1 Quart

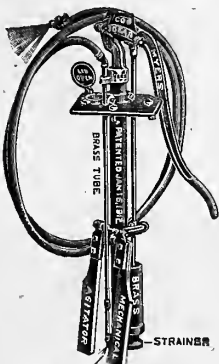
The best sprayer made. Throws a spray as fine as mist rendering the use of strong solutions safe on tender foliage plants; it forces the fluid into every crevice without using half the quantity required by syringe or sprinkler. PRICE, heavy tin, 60c. Postal weight, 2 pounds.



THE MYERS' BARREL SPRAY PUMP

The construction of the Myers' Barrel Spray Pump is the very best in all its parts; the entire pump sets inside the barrel containing the liquid, being bolted fast at its upper end to the barrel staves; the working parts are entirely submerged in the liquid, avoiding all possibilities of losing priming.

Has Bronze Ball Valves and Brass Seats; the plunger is brass, fitted with hemp packing. Will handle, hot, cold or any caustic mixture. The cylinder and discharge pipes are all brass. The air chamber is 30 inches in length, enabling the pump to throw a uniform and elastic spray. It has good leverage, is very powerful and easily operated. The equipment consists of one lead of 15 feet of ½ inch 5-ply discharge hose, and the best non-clog Brass Nozzle on the market. This Pump has both mechanical and jet agitators. Complete \$16.75.



PAT-JET AGITATOR

Spraying Materials

POWDERED ARSENATE OF LEAD

Powdered Arsenate of Lead is formed by the combination of lead oxide and arsenic oxide. It is all active—containing not the smallest fraction of inert material. This product contains one-third arsenic—the most effective known poison for leaf-eating insects—which is closely combined with pure lead, in such a way that there is no free arsenic left to “burn” the foliage.

It requires less than one-half as much Dry Powdered Arsenate of Lead per 50 gallons of water as it does of the paste material to accomplish the same or better results. One pound or 1½ pounds of Dry Powdered Arsenate of Lead to 50 gallons of water will control leaf-eating insects where heretofore 2, 3 and 4 pounds of the paste material were required. It will be readily evident that this means ultimate economy to the grower and farmer. Arsenate of Lead has been used in powdered form for combination in wet sprays for many years. Its reputation as the most efficient insect poison is firmly established. Price ½ lb., 35c; lb., 60c; 5 lbs., \$2.50; 25 lbs., \$8.50; 100 lbs., \$32.50.

PARIS GREEN

For leaf-eating insects. It is strong poison and should be used with care. Mix one pound of Paris green to 50 pounds of plaster, or with water to 150 gallons. On vines and tender vegetables use a larger proportion of plaster or water. ¼ lb., 35c; ½ lb., 60c; lb., \$1.00; 10 lbs., \$9.00.

Dry or Powdered Lime Sulphur

Dry Lime-Sulphur is very simple to use. It goes into solution in water almost instantly and spraying operations can be started immediately. It is simply a case of dumping the desired amount of powder in the spray tank, filling the tank with water and spraying operations start. The uses for Dry Lime-Sulphur are varied, but the grower will find it particularly effective in the control of the following. San Jose Scale, Oyster Bark Louse, Scale Insects, Fungus Diseases such as peach Leaf Curl, Apple and Pear Canker, Apple Scab, Brown Rot of peach or plum, Blister Mite, etc. Remember Dry Lime-Sulphur can be employed for exactly the same work for which you have been using Lime Sulphur Solution. There are many reasons why you should use Dry Lime-Sulphur, in preference to the liquid. Chief of which are the following: Ease of handling, compared to the liquid, saving in freight charges. Eighty pounds of Dry Lime-Sulphur will produce four hundred gallons of spray for dormant work, while it would take one barrel or six hundred pounds of liquid Lime Sulphur to produce the equivalent. It can be kept for years without deteriorating; it can be used for any purpose that liquid Lime Sulphur has been used. It dissolves readily in cold water and adheres to the foliage for the longest possible time. Pound, 25c; 5 lbs., \$1.00; 25 lbs., \$4.00; 100 lbs., \$12.00.

FUNGI BORDO.

Fungi-Bordo, “the perfect Dry Bordeaux Mixture-Concentrate,” is a dry powder which you receive in sift-proof, impervious packages. There is no freight to be paid on water, no danger of freezing nor of drying out in the package, and the material always reaches you in prime condition for immediate use. The material as it reaches you is a whitish powder, and the only precaution necessary in keeping or storing it is to keep it tightly closed and away from moisture as much as possible. This mixture not only prevents blight, scab, rust, mildew, black-rot, and all fungus disease of plants and fruits, but improves the quality and increases the yield. It should be used on all vine-crops, grapes, cucumbers, melons, tomatoes, etc. Potatoes especially respond generously to thorough spraying. To make a combined fungicide and insecticide, add a pound of Paris green, or two pounds of Arsenate of Lead, to 150 gallons of the diluted mixture. Price 1 lb., 35c; 5 lbs., \$1.35; 50 lbs., \$10.50; 100 lbs., \$19.50.

SLUG SHOT

Kills the Currant worm, potato bug, cabbage worm, slug on roses, caterpillars, aphids on roses, bugs on melons and bugs on asters, cut worms, sow bugs, lice on fowls, curculio on plums, tobacco worms, etc. 1 lb., 15c; 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 75c. If to be sent by mail add 5c for one pound and one cent for each additional pound.



TOBACCO DUST

One of the cheapest and most effective remedies for lice and worms on cabbage, striped bugs and other insects on melons, cucumbers and squashes; a splendid preventive for strawberry weevil; fine for dusting on seed-beds to protect the young plants, as well as fertilizing and stimulating the growth. lb., postpaid, 15c; 3 lbs., 40c; by express or freight, lb., 10c; 10 lbs., 75c; 50 lbs., \$3.00; 100 lbs., \$5.00.

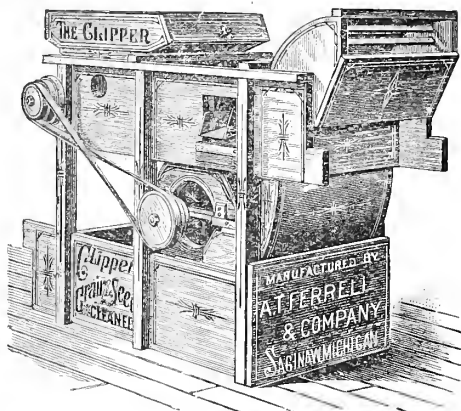
"Clipper" Grain and Seed Cleaner—Number 1 B

The manufacturers of the "Clipper Mill" have greatly improved their old No. 1, and in future this size will be known as No. 1 B. No. 1 B Clipper has many new features. The assortment of screens (twelve with this, only ten with the old) are much better, and will enable the farmer to grade his wheat, oats, etc., for sowing, and his corn for planting purposes. The directions for using the screens are very explicit; in fact, are such no one could make an error in their arrangement for cleaning Grain Seed, etc.

Every "Clipper Mill" is guaranteed both as to material and workmanship; will clean all kinds of seed and grain.

The No. 1 B Clipper Cleaner with twelve screens is the best all around farm mill made. Endorsed and used by State and Government experiment stations. Screens are so arranged as to be in plain view and of easy access to the operator while machine is in operation.

Capacity 25 bushels of wheat or 10 bushels clover per hour. Price No. 1 B complete, \$32.00. No. 2 B one-third larger capacity than No. 1 B, \$43.00.

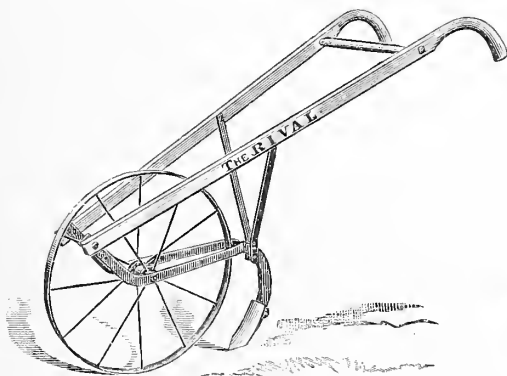


The Cyclone Broadcast Seeder

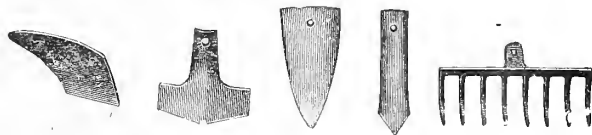
THE IMPROVED CYCLONE SEEDER will sow all varieties of Farm Seed that can be sown broadcast and with ease to the operator; 5 acres per hour is a fair average for the Cyclone. The seed is distributed evenly and with great saving of time making this a very practical machine on any size farm. It increases profits both ways—in better crops and in time and seed saved. It will pay for itself sowing one bushel of clover seed. It is a convenient, practical and durable machine. Price, each, \$1.75. Postal weight 4 pounds.



The Rival Garden Cultivator



It is safe to say there is no similar tool made that in ease of operation, high grade material, and fine finish, will equal the "Rival". The Beam is made of very stiff steel and is constructed so that when the handles are attached the center of weight falls directly over the pivoting points which forms the axle for wheels, making itself balancing, and which admits of its being propelled with a minimum of power. Handles can be raised and lowered to suit man or boy. The different extras used on the "Rival" are Shovel, Calf Tongue, Weeder, Moldboard and Rake. Wheel is 24 inches in height. Complete, with five tools as shown, \$4.50.



"Norcross" Cultivator—Hoes and Weeders



Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.

The sharp, tapering shovels enter the ground easily and are so arranged one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Fine-finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

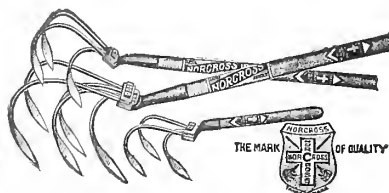
THREE SIZES AND PRICES

5-prong, 4 ft. handle, wt. 3 lbs.,...\$1.00

3-prong, 4 ft. handle, wt. 2 lbs.,...75c

"Midget," 9 inch handle, wt. 12 oz.,...45c

(Midget by Parcel Post prepaid for 55c)

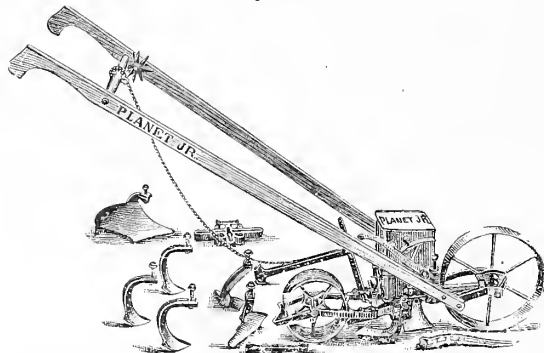


PLANET JR. GARDEN TOOLS

Send for 72 Page Planet, Jr., Catalogue

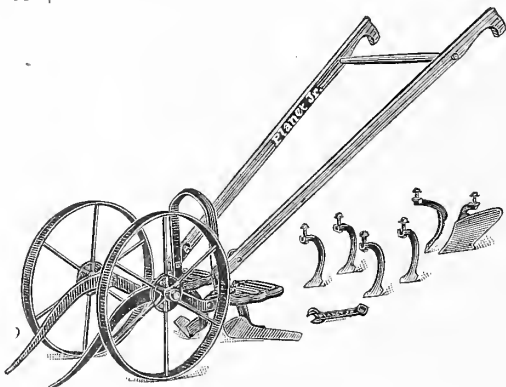
Look beyond the first cost. Planet Jr., tools are made better, last longer, and do more thorough work; save time, lighten labor, and get bigger crops. They are the tools for real economy. Fully guaranteed.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow
Price \$18.50 As a Seeder Only (No. 4D) \$14.50
Holds 2½ Quarts of Seed.



This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out the next row all at one passage. No time is lost. No seed wasted. By removing the seeder parts and substituting the tool frame you have a first-class single wheel hoe with a set of specially hardened steel tools, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys. Pays for itself in a season and will last for years. Thousands have been sold in this and in many foreign countries.

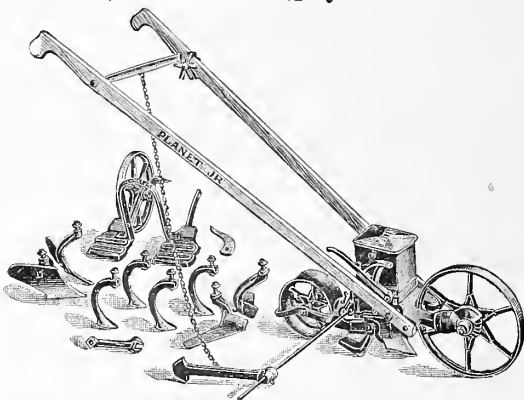
No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow
Price \$12.50. Steel Frame 14-inch Steel Wheels



A double and single wheel hoe in one. 14-inch steel wheels for 1919. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc., for covering and for plowing to or from the crop. The leaf lifters enable close work when plants are large or leaves are flat on the ground. The greatest hand cultivating tool made. All steels are now hardened by a new process, giving longer wearing and easier running tools.

No. 25 Planet Jr., Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow.
Price \$21.50.. Holds 2½ Quarts of Seed

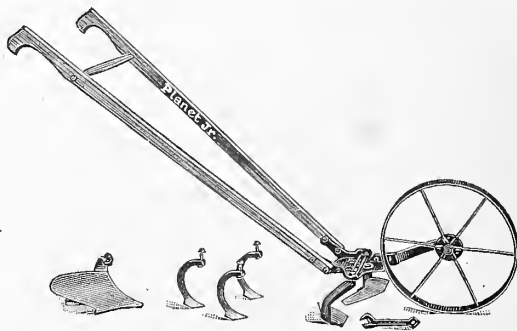


This combination is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and yet prefer not to buy seeders and wheel hoes separately; and for the family garden where a double wheel hoe is preferred.

As a seeder it is practically the same as the Planet, Jr., No. 4, and as a wheel hoe, has the same steel frames and cultivating attachments as the Planet Jr., No. 12 Double Wheel Hoe.

Two acres a day can easily be worked, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

No. 17 Planet Jr. Single Wheel Hoe—Price \$9.00



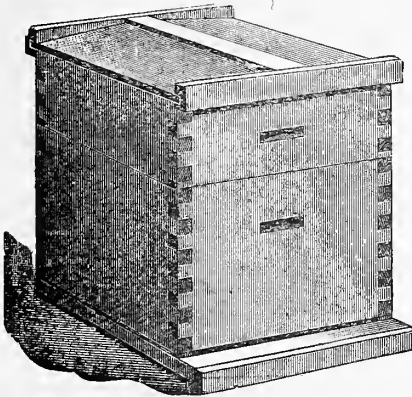
These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

All attachments are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered and specially hardened, finely formed, finished and polished and work to a charm. Everyone who cultivates needs one.

BEE SUPPLIES

We make a specialty of best Bee Keeper Supplies. We personally guarantee all Hives and Supplies described and if not exactly as represented when received you may return them and we will gladly refund your money and pay transportation both ways.



No. 1 Dovetailed 1 1/2 Story Hive

Hoffman frames, division board, one super, with follower and two spring, section holders, with wood separators, sections, foundation starters for sections, cover and nails for nailing up the hive complete. No foundation starters for frames.

No. 1E hive consists of a bottom board, one body with frames, and division board, one super with springs, follower, section holders and separators, with cover and nails, but no foundation starters or sections.

No. 5 is a two-story hive for extracted honey, and includes bottom and cover, two bodies with improved Hoffman frames, two follower boards and nails for nailing hives.

DOVE TAILED HIVES

No. 1. Dovetailed hive (like cut) for comb honey, 8 frames complete, a 1 1/2 story hive for comb honey, it includes bottom board; a body with eight improved Hoffman frames; follower board, one super with a follower and two wedges; 6 section holders with wood separators, sections, foundation starters for sections, covers and nails for nailing hives and trimmings.

Shallow extracting frames can also be used in this hive if you prefer them. This hive is more universally used than any other. You will find it to be first class in every particular. Priced below under No. 1, 8, or 10-frame hives.

CONTENTS OF HIVES

Except no division board in 10-frame hives.

No. 1A is a one-story hive, consisting of a bottom board, one body with frames, divisions board and cover, without comb foundation starters, with nails.

No. 1 hive is a one and one-half story hive, complete for comb honey. It consist of a bottom board, a body with improved

EIGHT-FRAME HIVES

Inside Measure, 18 1/4 x 12 1/8 x 9 1/2 Inches

	Nailed Painted	In Flat Lots of		
		1	5	10
No. 1A 1-story hive, no foundation starter, no division boards	2.50	1.85	8.50	16.25
No. 1E, 1 1/2 story, without sections and starters	3.25	2.50	11.25	22.75
No. 1, 1 1/2 story, with sections and 1-inch starter for sections	3.50	2.85	13.25	25.75
No. 5, 2-story, for extracting, with frames and division boards	4.00	2.90	13.50	26.00

PARTS FOR EIGHT-FRAME HIVES

Bottom Boards, 3/4 bee space .....	.55	.35	1.65	1.25
Covers .....	.70	.50	2.20	4.10
Body empty, with metal frame rests and nails .....	.75	.65	2.90	5.50
Shallow super, empty, with flat tins .....	.55	.40	1.75	2.75
No. 1E, shallow super, with sec. holders and separators, no starters	1.00	.70	3.15	6.00
No. 1, shallow super, section holders, separators, sections, starters, 1 inch ..	1.30	1.00	4.65	8.00

TEN-FRAME HIVES

Inside Measure, 18 1/4 x 14 1/4 x 9 1/2 Inches

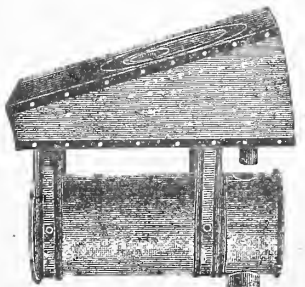
No. 1A, 1-story hive, no foundation starter	2.75	2.00	9.50	18.25
No. 1E, 1 1/2-story, without sections and starters	3.75	2.75	13.00	25.25
No. 1, 1 1/2-story, with sections and 1-inch starter for sections	4.00	3.00	14.50	28.50
No. 5, 2-story, for extracting, with frames, no division boards	4.25	3.10	14.75	29.00

PARTS OF TEN-FRAME HIVES

Bottom boards, 3/4 bee space .....	.60	.40	1.75	3.25
Covers .....	.70	.50	2.15	4.10
Body empty, with metal frame rests .....	.85	.75	3.10	6.00
Shallow super, empty, with flat tins .....	.60	.40	1.80	3.45
No. 1E, shallow super, with section holders and separators, no starters ..	1.05	.80	3.50	6.50
No. 1, shallow super, section holders, separators, section and starters	1.45	1.15	5.00	9.75

THE HIGGINSVILLE SMOKER

This is a hot blast smoker and has a 3 1/4 inch fire box, and the nozzle is detachable to admit of filling or cleaning. We believe it has as strong a blast as any smoker made. A bar of folded tin running parallel with a bellows protects the hand from coming in contact with the hot fire box. Price each 85c. Postage 10c extra.



(Bee Supplies Continued on Next Page.)

SECTION HONEY BOXES

A section honey box is a strip of wood with three V-shaped grooves cut at right angles across the section on one side. These grooves are cut at the proper distances apart, so when the strip is folded up it will form sides and ends of a box, of length desired. For instance, to make a section $4\frac{1}{4} \times 4\frac{1}{4}$, the grooves would be cut at such distances as to divide the strip into four equal parts. These strips are dovetailed on the end; hence, these boxes can be folded and the two ends being dovetailed together, it requires no nails or glue to hold them in place.



IXL QUALITY

Prices on Beeway sections $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{8}$:

100	\$1.00
250	2.00
500	3.50
1000	6.75

Add 12c per 100 extra for postage.

Plain or no Beeway Section $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$, 25c per thousand. Less weight of 100 sections, 6 lbs.

COMB FOUNDATION

Our Comb Foundation is made of Pure Beeswax by the Latest Process and is indispensable as a guide and a base on which bees build their comb.

Fasten a strip of comb foundation to the center at top of a frame or section box, even though it be but half an inch in width, the bees will follow it, and build their comb just where it should be. Hence, you have control over the comb building. Medium brood foundation is to be used in the brood frames while the thin super is for the section honey boxes. In ordering give grade and price.

Medium brood, size $7\frac{1}{8} \times 16\frac{3}{4}$, 8 sheets per lb. Price per lb. 1 lb., 70c; 5 lbs., at 68c; 10 lbs., at 65c.

Thin super, size $3\frac{3}{8} \times 16\frac{3}{4}$, 27 sheets per lb. Price per lb., 1 lb. 80c; 5 lb. at 75c; 10 lb. at 73c.

Add 7 cents per pound extra for postage.

HONEY BOARDS ZINC QUEEN EXCLUDERS, ETC.

Zinc Queen Excluder for 8-frame hive, 40c each; 10 for \$3.75.

Wood bound slatted zinc honey boards, 8-frame 45c each; 10 for \$5.25.

Bee entrance guards, large size, each 29c; 10 for \$1.75.

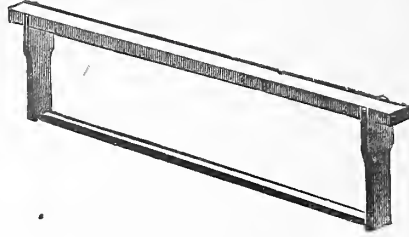
PARKER'S FOUNDATION FASTENERS

For putting comb foundation in sections. Any one with a little practice can put in 500 starters an hour with them. Price 30c each; by mail, 35c.

VAN DEUSEN WAX-TUBE FASTENER

Very handy for fastening foundation to plain top-bars or full sheets of foundation cut to fit the section exactly. It will feed a fine stream of hot wax between the foundation edge and the wood, cementing them together. Each 25 post-paid.

THE HOFFMAN FRAMES



This is the most universally used frame on the market. It is strong, durable and has all the good features that constitute

a perfect frame, 5c each; 10 for 45c; 100 for \$4.00

SHALLOW EXTRACTING FRAMES

These are to be used in place of section boxes in the super for extracting honey. 10 for 40c; 100 for \$3.00.

PORTER BEE ESCAPES

Porter Bee Escapes, to clear the supers of bees, Saves time and bee stings.

Price, postpaid, 20c each; \$2.00 per doz.

Price with board, 35c; \$3.20 for 10 not prepaid.

Price List of Section Holders and Separators.

Section Holder $1\frac{1}{8}$ inches wide slotted, in flat, 10 for 30c; 100, \$2.70; 500, \$13.00.

Plain Section holders, for $4\frac{1}{4} \times 1\frac{1}{2}$ inch section in flat, 10 for 25c; 100 for \$2.35; 500 for \$11.25.

Slotted wood separators, $4\frac{1}{2} \times 18\frac{1}{8}$ inches, in flat, 10 for 15c; 100, \$1.35; 500, \$6.50.

Plain Wood Separators, $3\frac{1}{2} \times 18\frac{1}{8}$ inches, in flat, 10 for 15c; 100 for \$1.30; 500 for \$5.00.

TINNED WIRE

No. 30 tinned wire is the most suitable wire for frames. We keep it on spools as listed.

Sizes furnished: $\frac{3}{4}$ -oz. spools, each 6c; $\frac{1}{4}$ -lb. spools, each 20s; $\frac{1}{2}$ -lb. spools, each 25c; 1-lb. spools, each 40c.

DRONE AND QUEEN TRAP

The latest Ally Drone and Queen Trap is quite an improvement over the old style and designed to automatically catch and cage the drones. They are also valuable during the swarming season to catch and hold the Queen until the apiarist can give her attention; thus in most cases preventing the swarm from leaving or settling in some inaccessible place.

Price 60c each \$5.25 for 10. Add 6c each for postage.

GLOBE BEE VEIL



No trouble to put on or take off; perfect protection; we know of nothing better.

By mail, postpaid, \$1.25; extra nets 90c each.

SILK FACED VEIL

A veil to cover the face and protect it from stings for the amateur beekeeper is a necessity, and very convenient for the professional. The cotton tulle veil with silk face, fits any hat. Price 80c; by mail, 85c.

BEE GLOVES

Extra heavy cotton with long sleeves reaching over the elbows and with fingers. Pair 75c. Add 5c extra for postage.



Try this big live Magazine at this Special 20-cent Rate

You will be delighted with it, and wonder how such a splendid paper can cost so little. THE FARM JOURNAL is 41 years old, prints 1,000,000 copies a month, goes everywhere, from Maine to California. Suits everyone in every state; will suit you. Sign this Coupon below, and mail AT ONCE with only 20 cents, coin or stamps. Money refunded to you any time you say so.

To THE FARM JOURNAL, Philadelphia:

Enclosed find 20 cents for which send me THE FARM JOURNAL one full year on trial. I am not now a subscriber to your magazine.

Name.....St. or
.....R. F. D.....

P. O. State.....

IMPORTANT: This trial Coupon must be sent direct to The Farm Journal, Philadelphia, Pa. Not accepted for renewals. (If you live in Philadelphia, Canada, or a foreign country, send 35 cents instead of 20, to cover extra postage.)

NOT GOOD FOR RENEWALS: SEE OTHER SIDE

"Mutual Benefit"

The Farm Journal is always \$1.00 for five years; the publishers do not want and generally won't take shorter subscriptions. But we believe that to read this wide-awake farm and household paper is the greatest benefit to our friends and patrons, and so indirectly to us, so we have persuaded the publishers to give us, for you, this

**SPECIAL
TRIAL
RATE OF**

20 cts.

for a year's trial of the paper.

NOTE: Under no circumstances can renewals be accepted for only one year; this is exclusively a trial plan for those not now subscribers.

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The FARM JOURNAL is for the poultryman, farmer, fruit grower, dairyman, stockman, trucker, gardener, villager, suburbanite, the women folks, the boys and girls. Cheerful, clean, genuine, progressive, full of pictures, stories, gumption and sunshine; practical as a plow, readable as a novel; knows what to leave out, and what to put in. 32 to 80 pages monthly, stops when the time is up. Mail this Mutual Benefit Coupon today with two dimes or ten two-cent stamps direct to The Farm Journal. **DO NOT SEND IT TO US.**

TUCKER'S SEED HOUSE, Carthage, Mo.
Garden, Field, and Flower Seeds

SPECIAL: Add 5 cents (25c. in all) and get latest "Poor Richard Almanac," full of wit and wisdom for all.

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PARCEL POST INFORMATION

Your Postmaster or Rural Carrier Will Tell You the Parcel Post Zone in Which Your Postoffice is Located, Measuring from Carthage

This table tells your postage required on any Parcel Post package for any distance. Weight of package,	Local Zone City of Car., Mo. its rural routes	1st Zone Not over 50 Miles from Carthage	2nd Zone 50 to 150 Miles from Carthage	3rd Zone 151 to 300 Miles from Carthage	4th Zone 301 to 600 Miles from Carthage	5th Zone 601 to 1000 Miles from Carthage	6th Zone 1001 to 1400 Miles from Carthage	7th Zone 1401 to 1800 Miles from Carthage
Over 8 oz. up to 1 lb.	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11
Over 1 lb. up to 2 lbs.	.06	.06	.06	.08	.11	.14	.17	.21
Over 2 lbs. up to 3 lbs.	.06	.07	.07	.10	.15	.20	.25	.31
Over 3 lbs. up to 4 lbs.	.07	.08	.08	.12	.19	.26	.33	.41
Over 4 lbs. up to 5 lbs.	.07	.09	.09	.14	.23	.32	.41	.51
Over 5 lbs. up to 6 lbs.	.08	.10	.10	.16	.27	.38	.49	.61
Over 6 lbs. up to 7 lbs.	.08	.11	.11	.18	.31	.44	.57	.71
Over 7 lbs. up to 8 lbs.	.09	.12	.12	.20	.35	.50	.65	.81
Over 8 lbs. up to 9 lbs.	.09	.13	.13	.22	.39	.56	.73	.91
Over 9 lbs. up to 10 lbs.	.10	.14	.14	.24	.43	.62	.81	1.01
Over 10 lbs. up to 11 lbs.	.10	.15	.15	.26	.47	.68	.89	1.11
Over 11 lbs. up to 12 lbs.	.11	.16	.16	.28	.51	.74	.97	1.21
Over 12 lbs. up to 13 lbs.	.11	.17	.17	.30	.55	.80	1.05	1.31
Over 13 lbs. up to 14 lbs.	.12	.18	.18	.32	.59	.86	1.13	1.41
Over 14 lbs. up to 15 lbs.	.12	.19	.19	.34	.63	.92	1.21	1.51
Over 15 lbs. up to 16 lbs.	.13	.20	.20	.36	.67	.98	1.29	1.61
Over 16 lbs. up to 17 lbs.	.13	.21	.21	.38	.71	1.04	1.37	1.71
Over 17 lbs. up to 18 lbs.	.14	.22	.22	.40	.75	1.10	1.45	1.81
Over 18 lbs. up to 19 lbs.	.14	.23	.23	.42	.79	1.16	1.53	1.91
Over 19 lbs. up to 20 lbs.	.15	.24	.24	.44	.83	1.22	1.61	2.01
Over 20 lbs. up to 21 lbs.	.15	.25	.25					
Over 21 lbs. up to 22 lbs.	.16	.26	.26					
Over 22 lbs. up to 23 lbs.	.16	.27	.27					
Over 23 lbs. up to 24 lbs.	.17	.28	.28					
Over 24 lbs. up to 25 lbs.	.17	.29	.29					
Over 25 lbs. up to 26 lbs.	.18	.30	.30					
Over 26 lbs. up to 27 lbs.	.18	.31	.31					
Over 27 lbs. up to 28 lbs.	.19	.32	.32					
Over 28 lbs. up to 29 lbs.	.19	.33	.33					
Over 29 lbs. up to 30 lbs.	.20	.34	.34					

If seeds and supplies are wanted by express or freight at customers' expense, deduct 5 cents per pound and 10c per quart from Postpaid prices in catalogue.

WEIGHT LIMIT

If seeds and supplies are wanted by Parcel Post, packages will be delivered weighing up to 50 pounds. In the third to eighth zones the weight limit is 20 pounds.

QUALITY

GARDEN, FIELD AND
FLOWER SEED



TUCKER'S
SEED HOUSE
CARTHAGE, MISSOURI